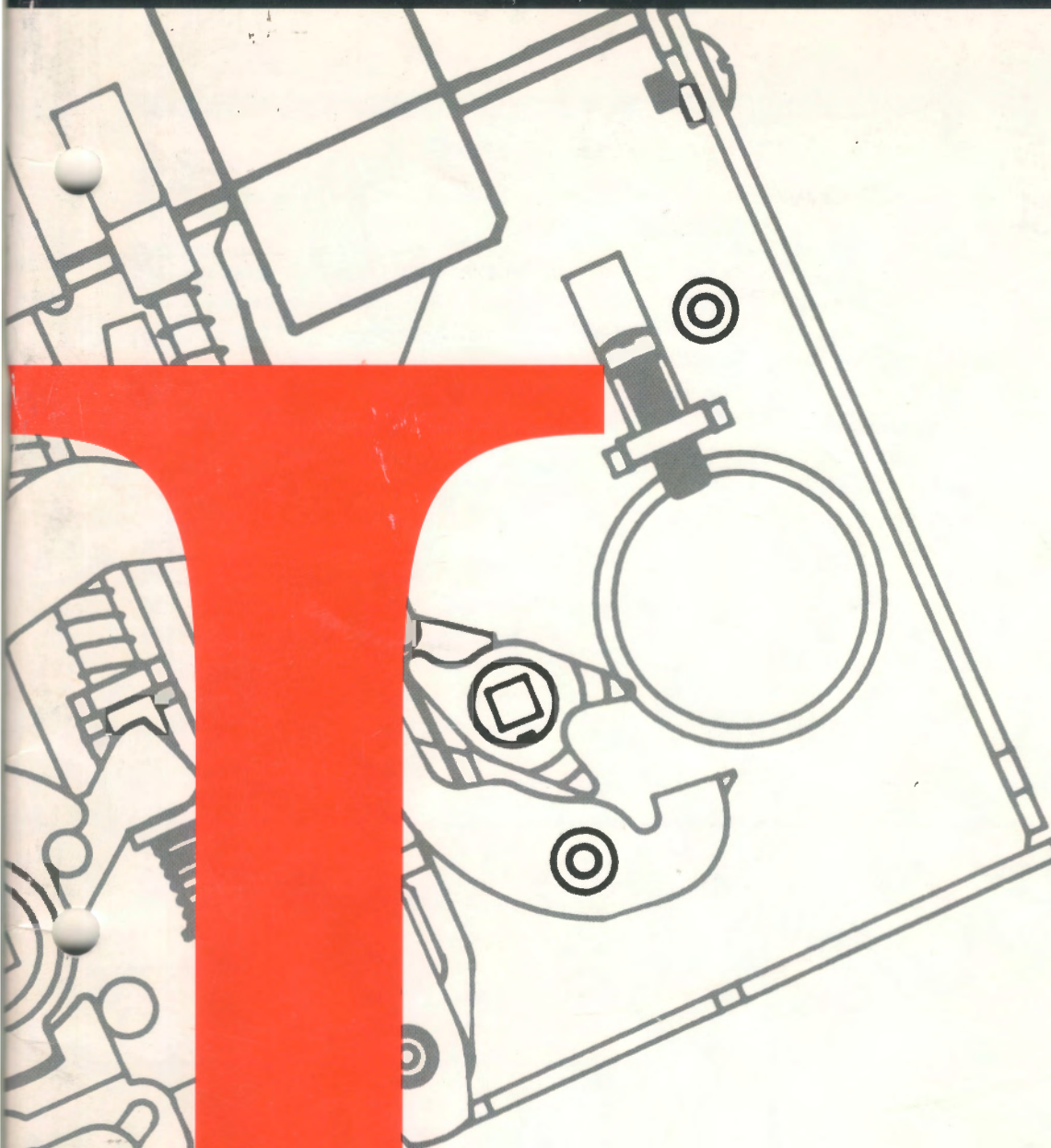


SCHLAGE



Service Manual

Baker's Lock & Key
Los Angeles, California

This manual contains a complete listing of parts and assemblies of L-Series mortise locks manufactured by Schlage Lock Company, beginning in 1984. Exploded views of each lock function are provided with an accompanying dot chart to identify parts for replacement purposes.

In addition, this manual provides lock trim ordering procedures, cylinder length charts by door range, and all auxiliary components of L9000 series mortise locks. Orders for finished components should always show the finish designation. Orders for all

Schlage products must be placed through a registered Schlage dealer or representative.

The Schlage Lock Company reserves the right to make changes in designs and specifications or to make additions or improvements on its products without notice and without incurring any obligation to incorporate them on products previously manufactured. The Schlage Lock Company is not responsible for any modification, addition, or alteration to our products by others.

SCHLAGE

Part of worldwide Ingersoll-Rand
2401 Bayshore Boulevard
San Francisco, California 94134
P.O. Box 193324, San Francisco, CA 94119
(415) 467-1100
FAX (415) 330-5627

All L-Series mortise locks have the following characteristics:

Case Size – $4\frac{7}{16}" \times 6\frac{1}{16}" \times 1"$

Backset – $2\frac{3}{4}"$

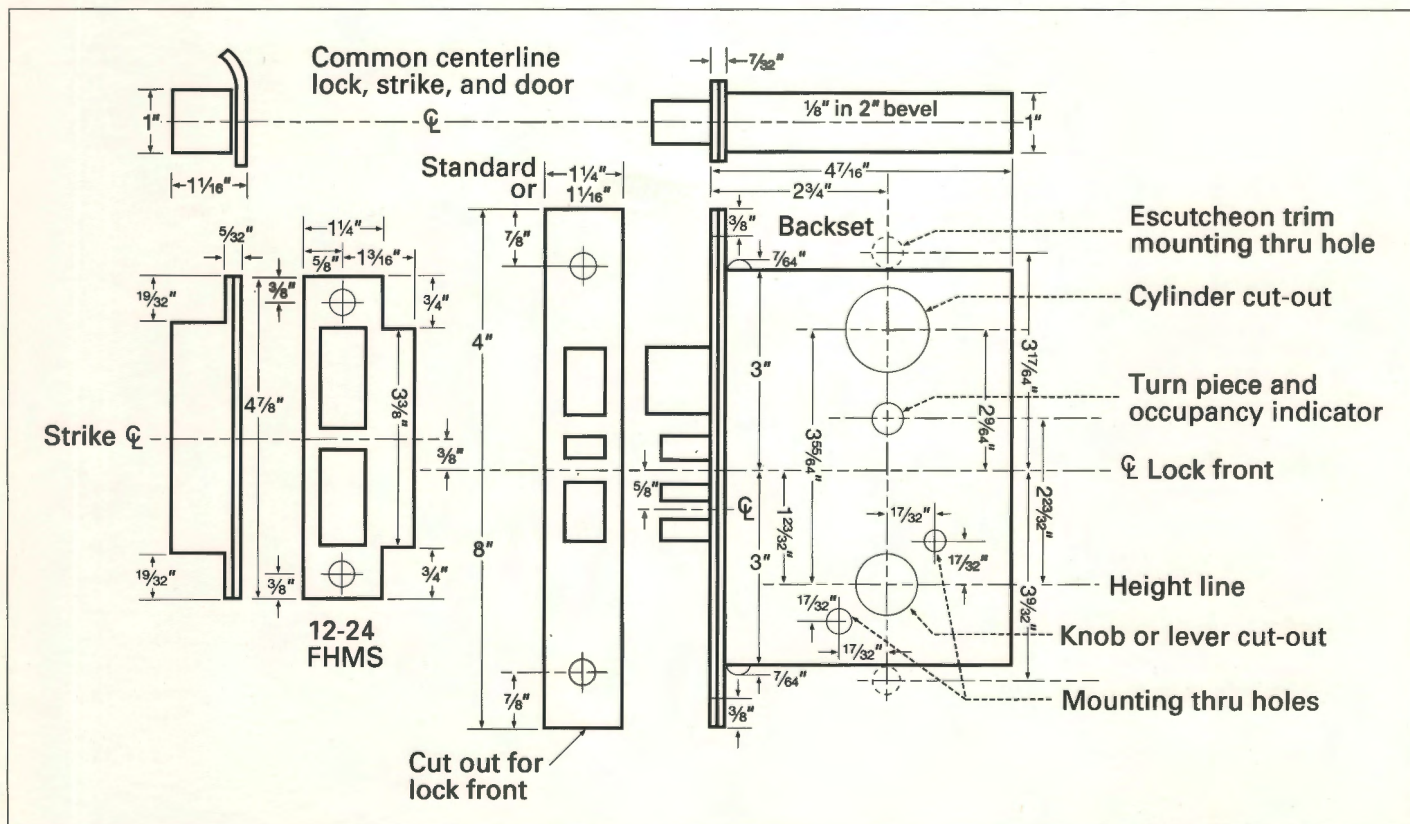
Door range – $1\frac{3}{8}"$ thru $2\frac{1}{2}"$

Armored front – $1\frac{1}{4}" \times 8" \times \frac{7}{32}"$ or $1\frac{1}{16}" \times 8" \times \frac{7}{32}"$

Spacing:

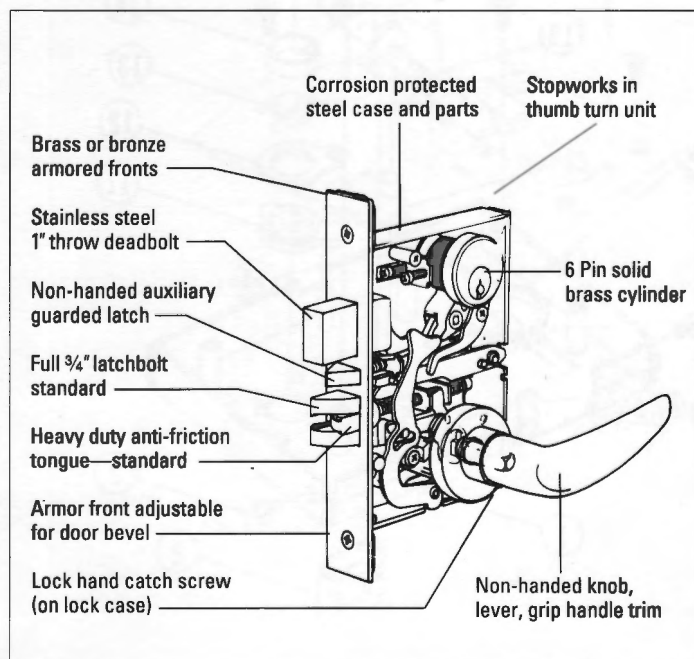
Knob or lever to cylinder – $3\frac{55}{64}"$

Knob or lever to turn piece – $2\frac{23}{32}"$



INDEX Function

Assemblies	Description	Page	Design Identification	Page
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Function Codes and Symbols

Locks and Lock Cases

L9 = Prefix for heavy duty L-Series mortise locks

Deadbolts

0 = No deadbolt

1 = Dummy trim

4 = 1" Throw deadbolt

Lock Function

86 (example)

L9486P (example)

Cylinder Suffixes

P = Full-face cylinder

L = Less full-face cylinder and ring

C = Concealed cylinder

W = Less concealed cylinder

R = Interchangeable core

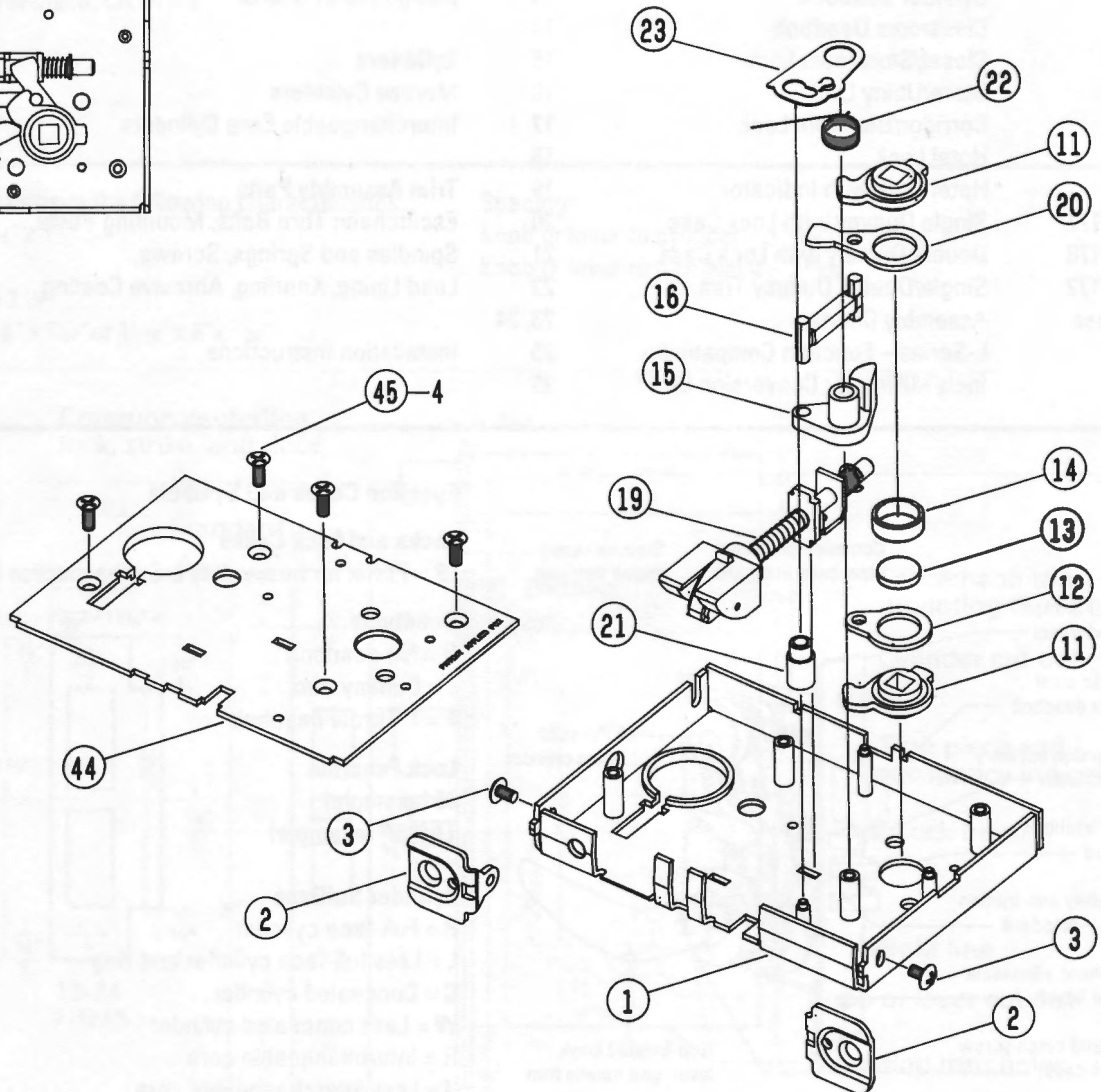
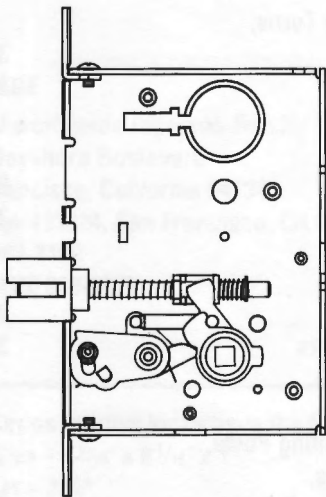
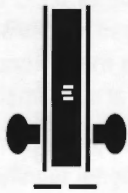
J = Less interchangeable core

T = Temporary interchangeable core construction cylinder

L9010

PASSAGE LATCH

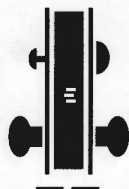
Latchbolt retracted by lever or knob from either side at all times.



Available function for Wrought Trim Series.

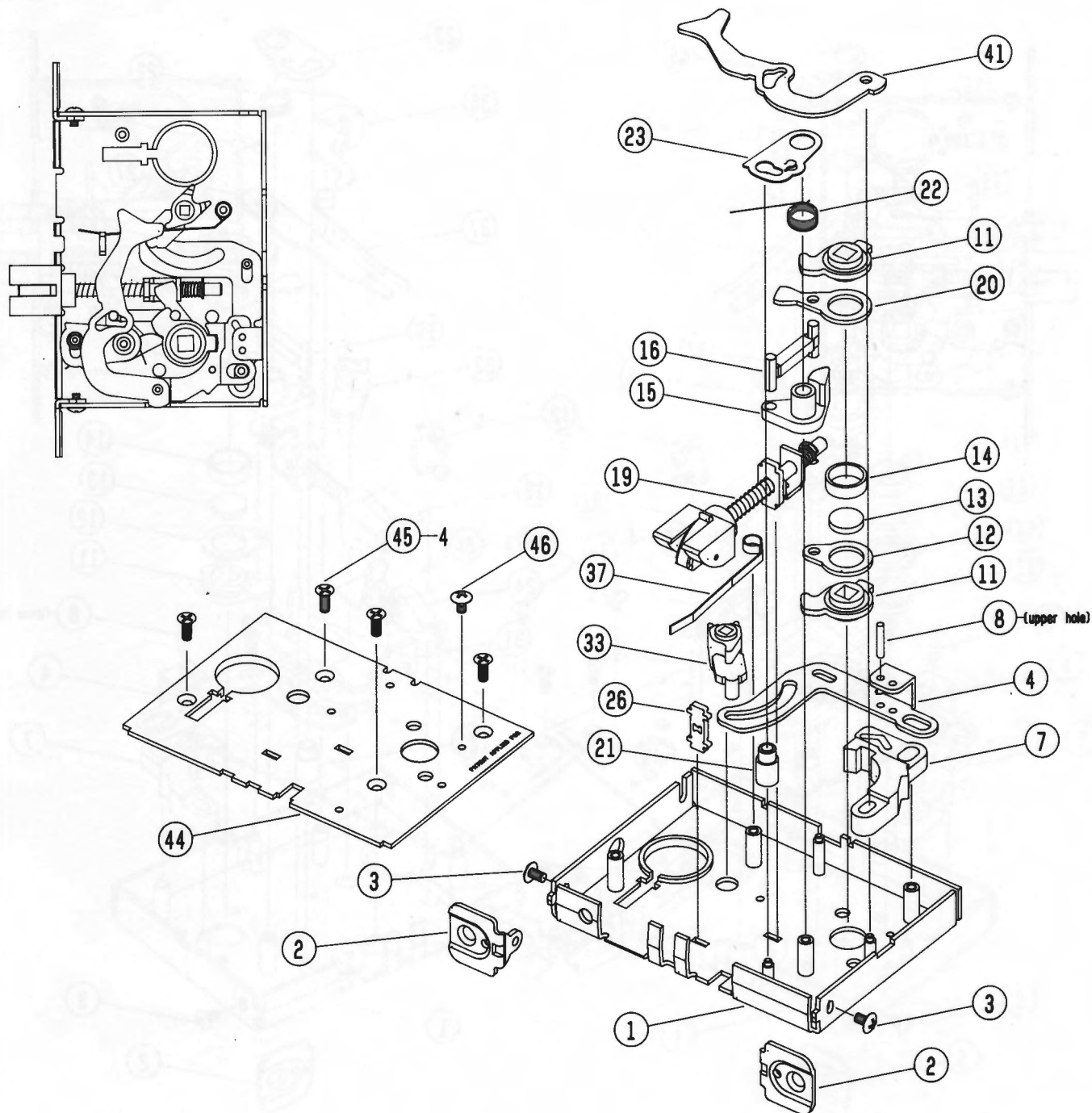
L9040

BATH/BEDROOM PRIVACY LOCK



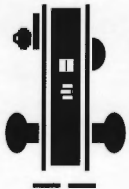
Latchbolt retracted by lever or knob from either side unless outside is locked by inside thumbturn. Operating inside lever or knob or closing door unlocks outside lever or knob.

To unlock from outside, remove emergency button, insert turnpiece (furnished) in access hole and rotate.

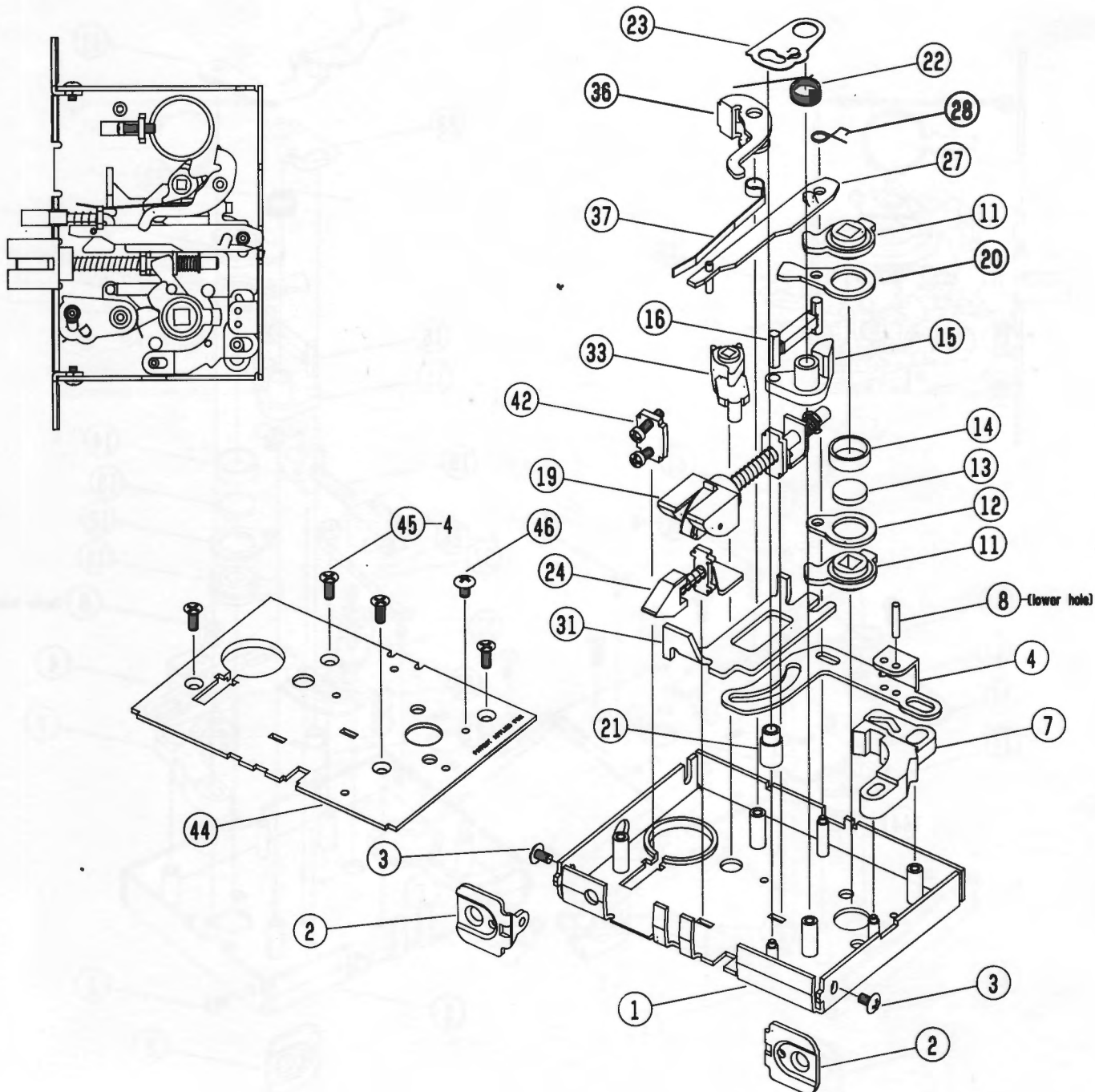


L9050

OFFICE AND INNER ENTRY LOCK



Latchbolt retracted by lever or knob from either side unless outside is made inoperative by key outside or by rotating inside thumbturn. When outside is locked, latchbolt is retracted by key outside or by lever or knob inside. Outside lever or knob remains locked until thumbturn is returned to vertical or by counterclockwise rotation of key. Auxiliary latch deadlocks latchbolt when door is closed.



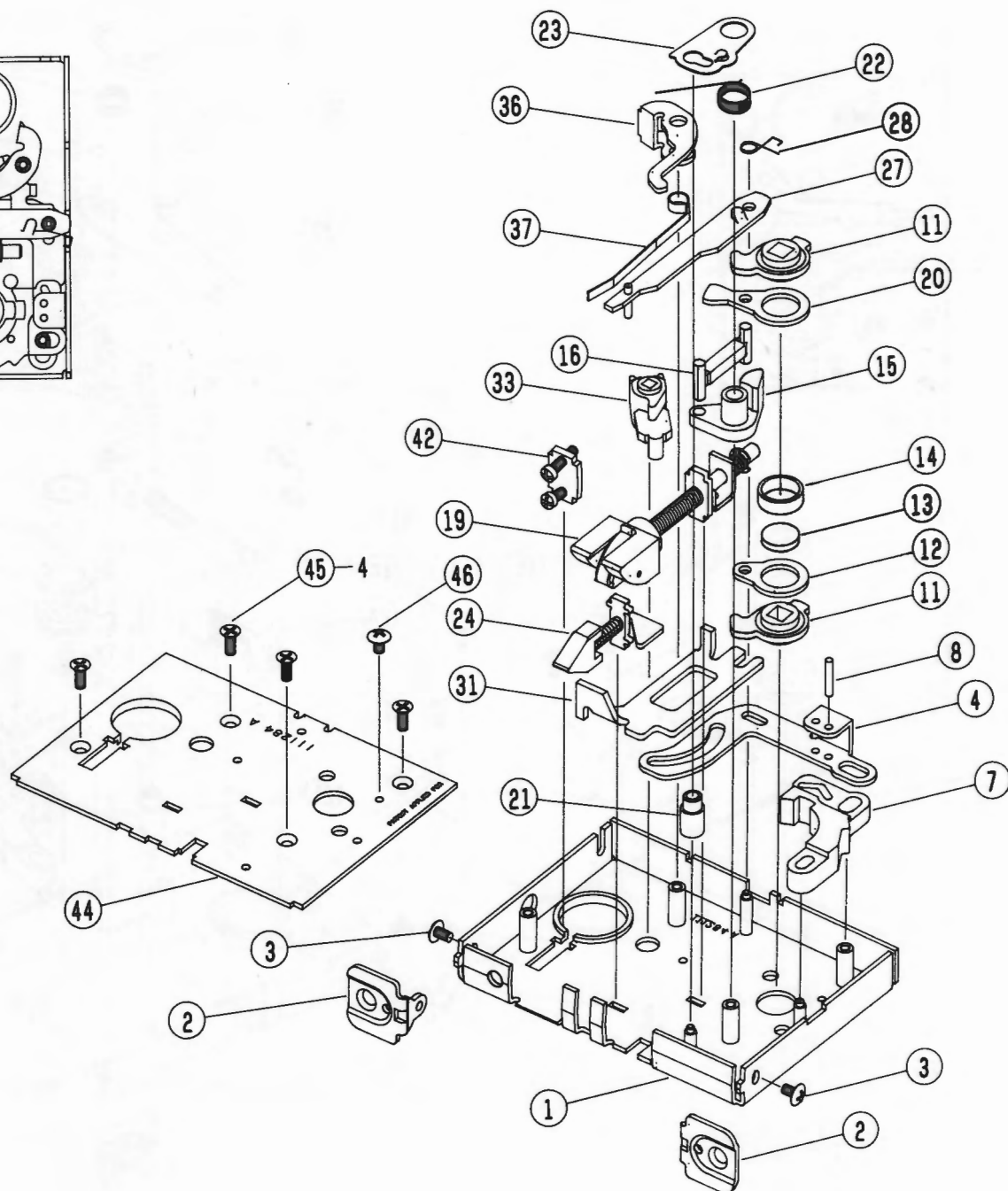
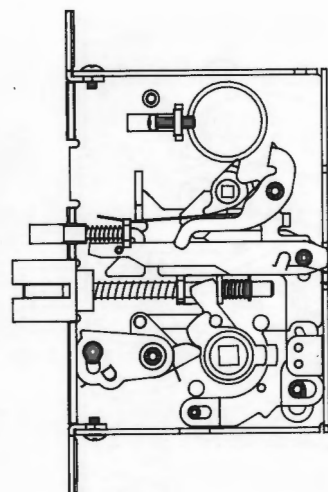
Available function for Wrought Trim Series.

L9060

APARTMENT ENTRANCE LOCK



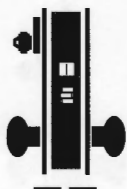
Latchbolt retracted by lever or knob from either side unless outside is locked by key from inside. When locked, latchbolt is retracted by key outside or lever or knob inside. Auxiliary latch deadlocks when door is closed.



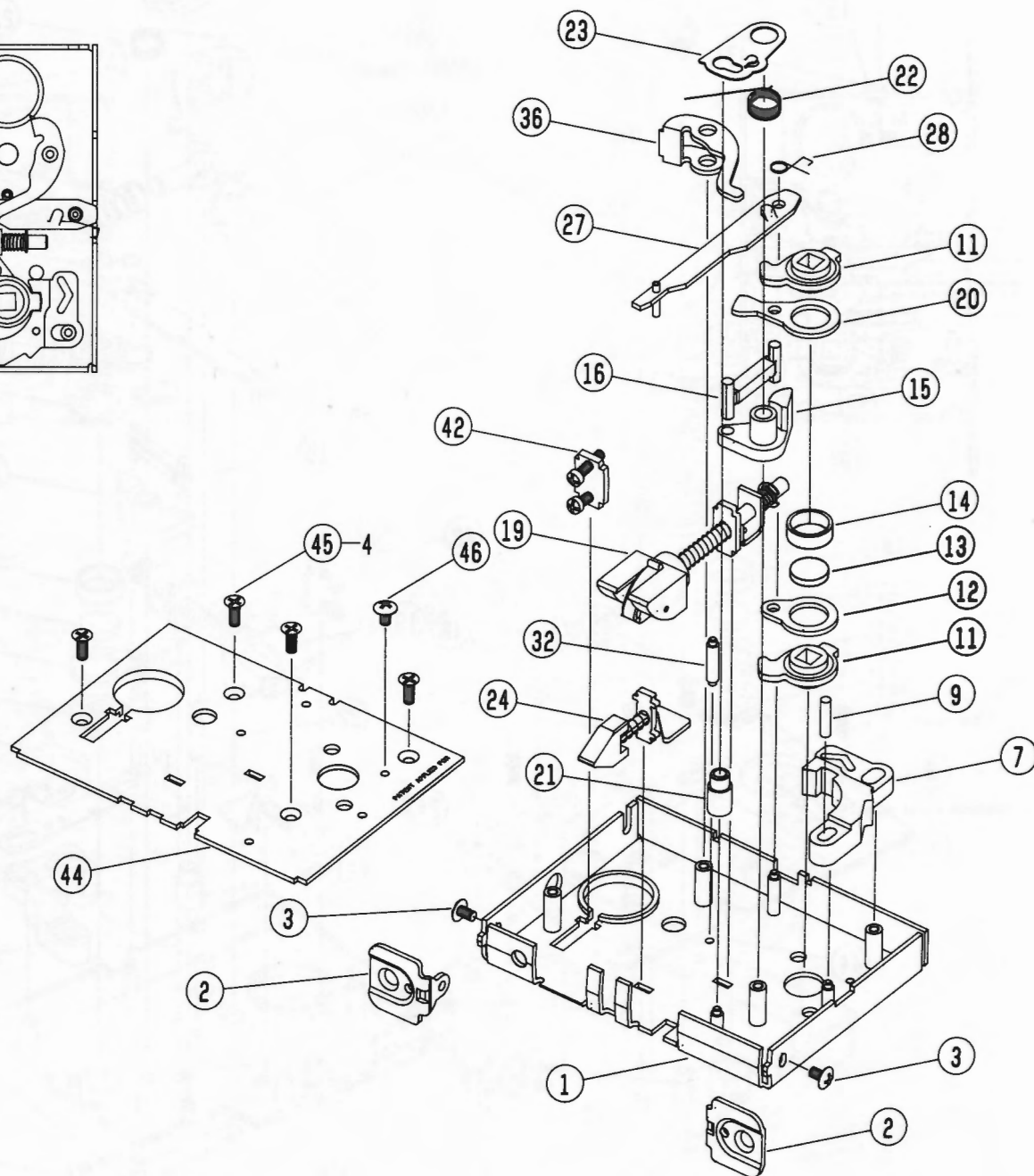
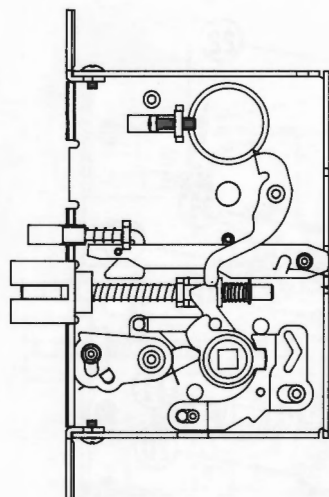
Available function for Wrought Trim Series.

L9080

STOREROOM LOCK



Latchbolt retracted by key outside or by lever or knob inside.
Outside lever or knob always fixed. Auxiliary latch deadlocks
latchbolt when door is closed.

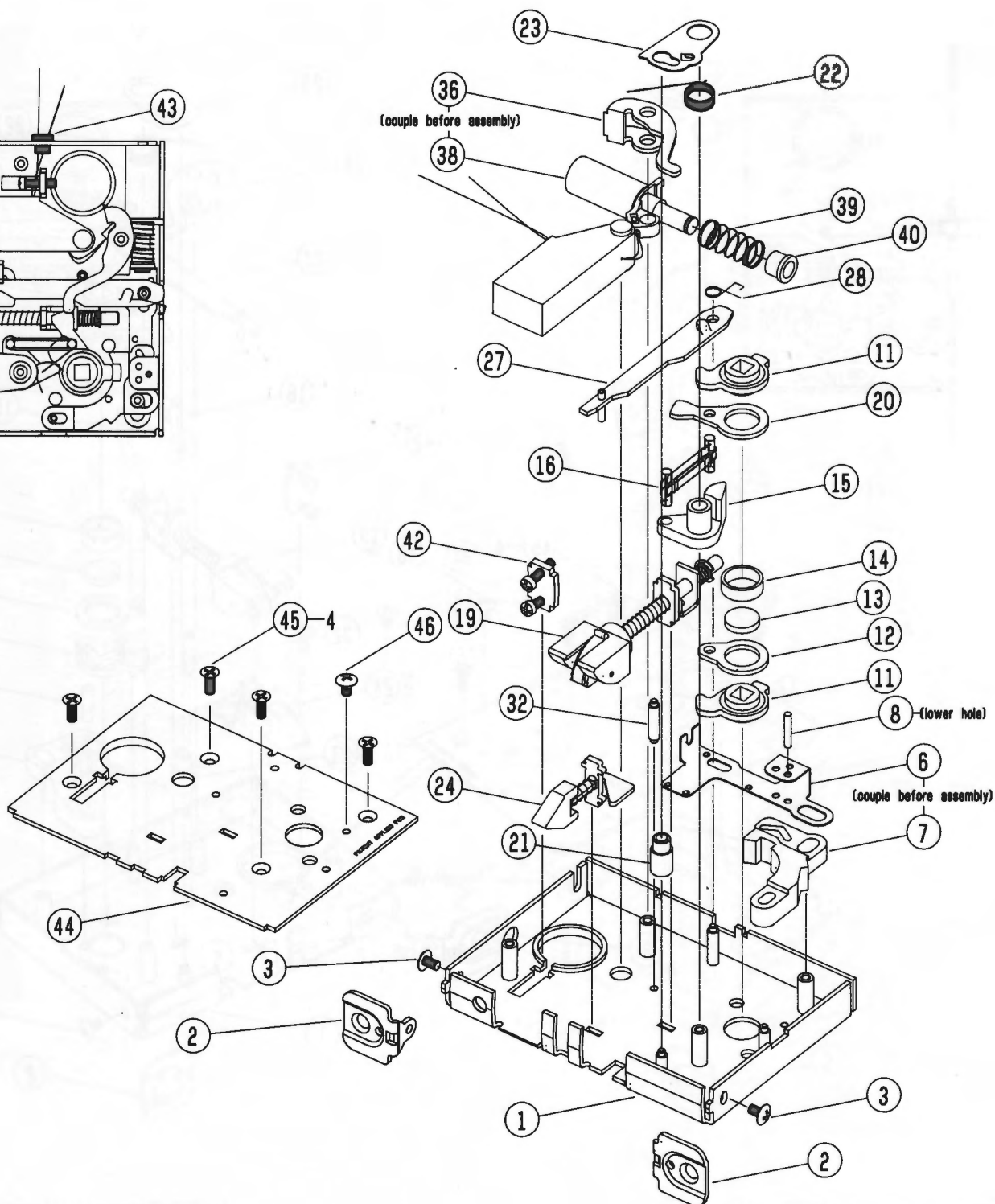
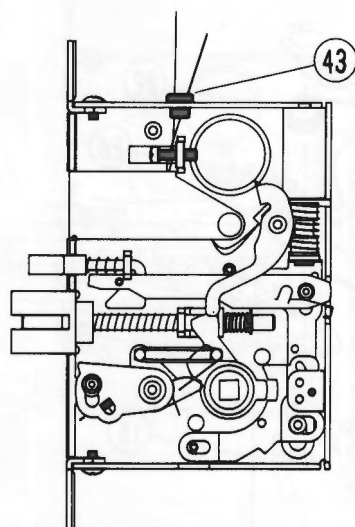


Available function for Wrought Trim Series.

L9080EL STOREROOM LOCK



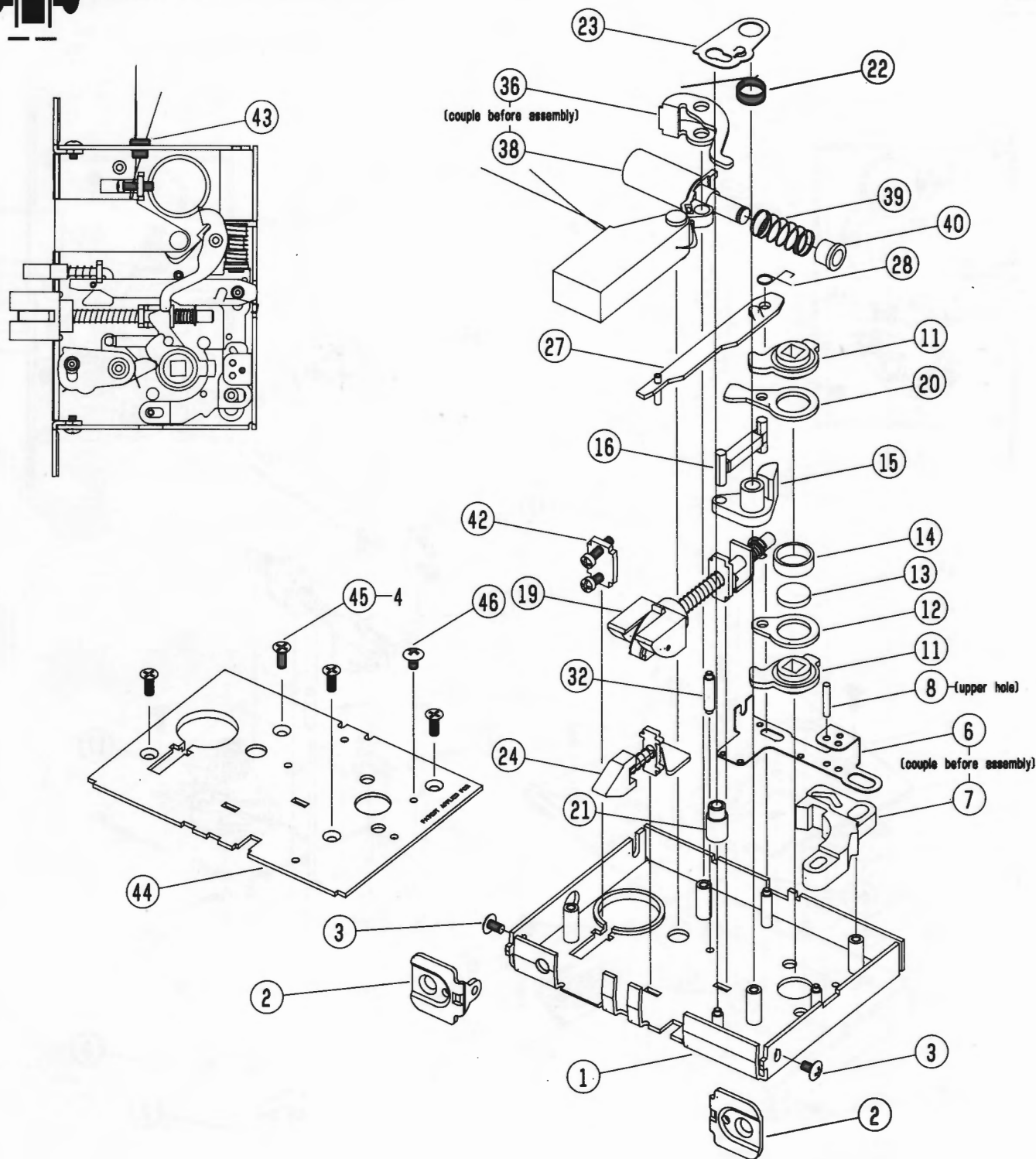
Electrically locked. Outside lever or knob continuously locked by 24v AC or DC. Latchbolt retracted by key outside or by lever or knob inside. Switch or power failure allows outside lever or knob to retract latchbolt. Auxiliary latch dead-locks latchbolt when door is closed. Inside lever or knob always free for immediate exit.



L9080EU STOREROOM LOCK

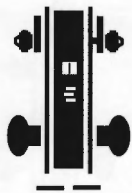


Electrically unlocked. Outside lever or knob unlocked by 24V AC or DC. Latchbolt retracted by key outside or by lever or knob inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever or knob always free for immediate exit.

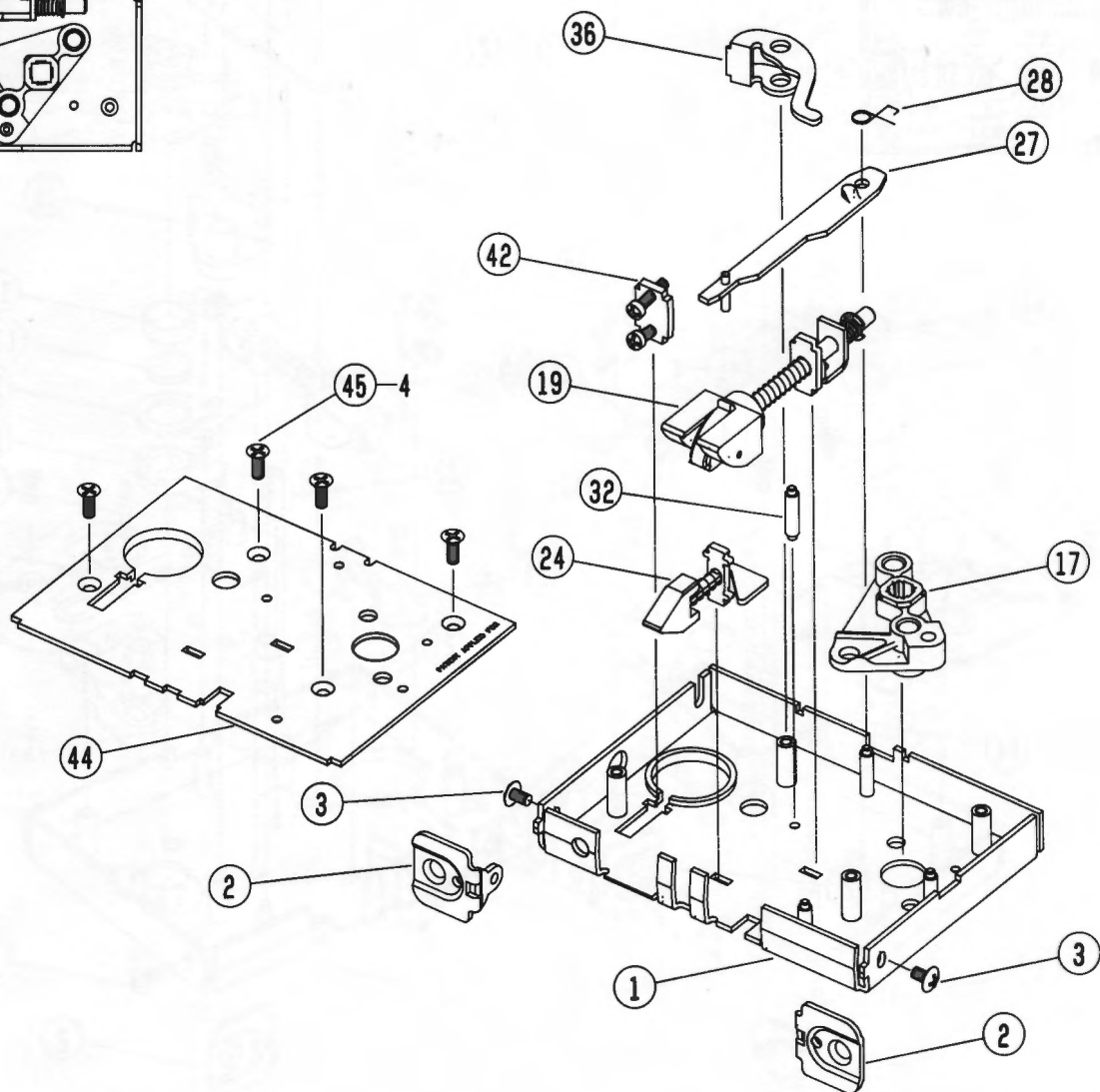
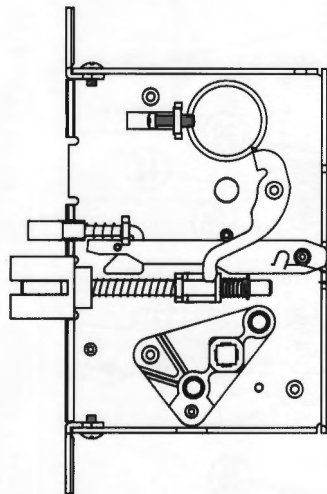


L9082

INSTITUTION LOCK

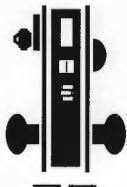


Latchbolt retracted by key from either side. Lever or knob on both sides always fixed. Auxiliary latch deadlocks latchbolt when door is closed.

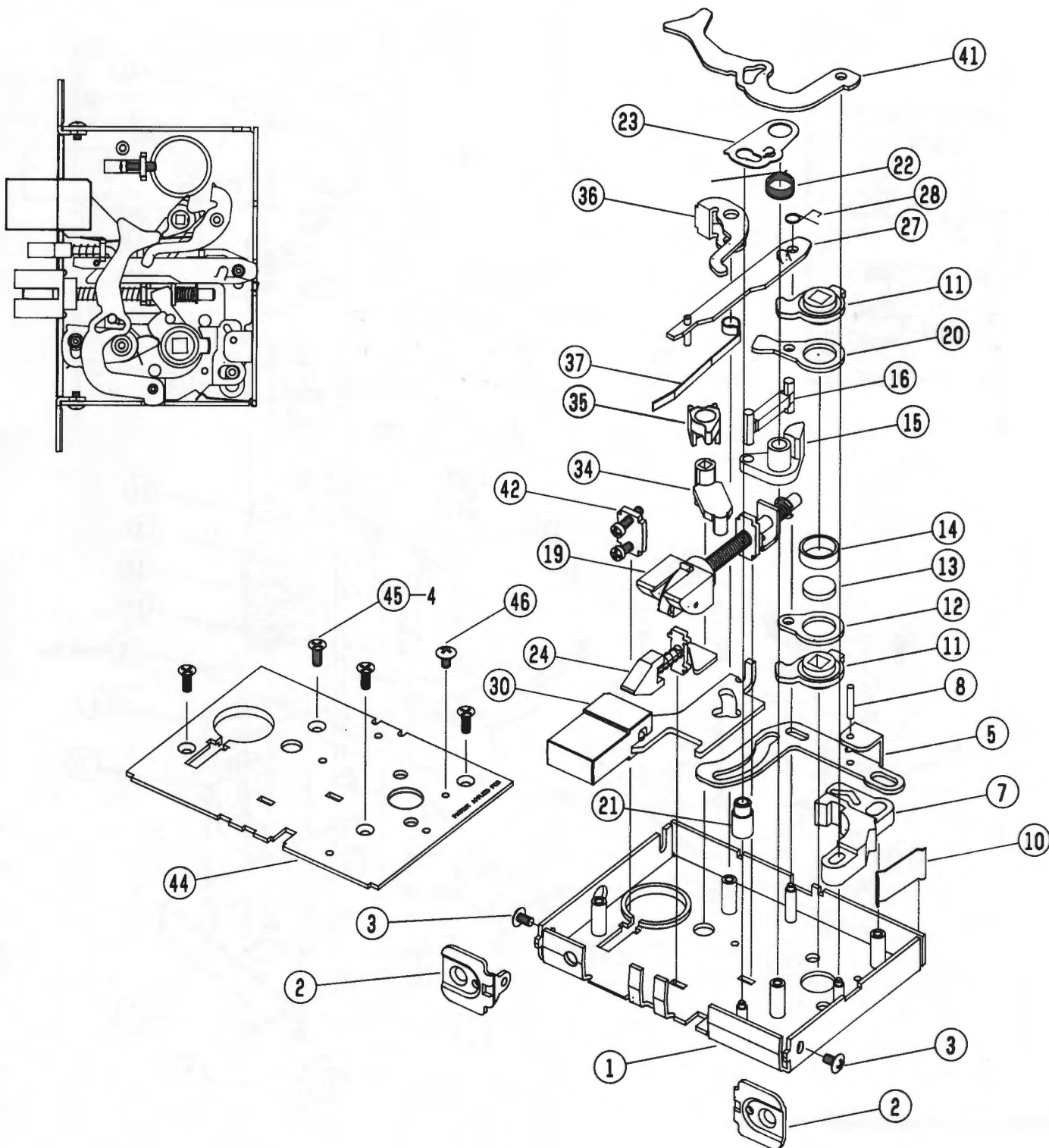


L9453

ENTRANCE LOCK

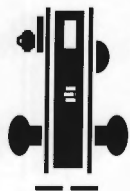


Latchbolt retracted by lever or knob from either side unless outside is locked by 20° rotation of thumbturn. Deadbolt thrown or retracted by 90° rotation of thumbturn. When locked, key outside or lever or knob inside retracts deadbolt and latchbolt simultaneously. Outside lever or knob remains locked until thumbturn is restored to vertical position. Throwing deadbolt automatically locks outside lever or knob. Auxiliary latch deadlocks latchbolt when door is closed.

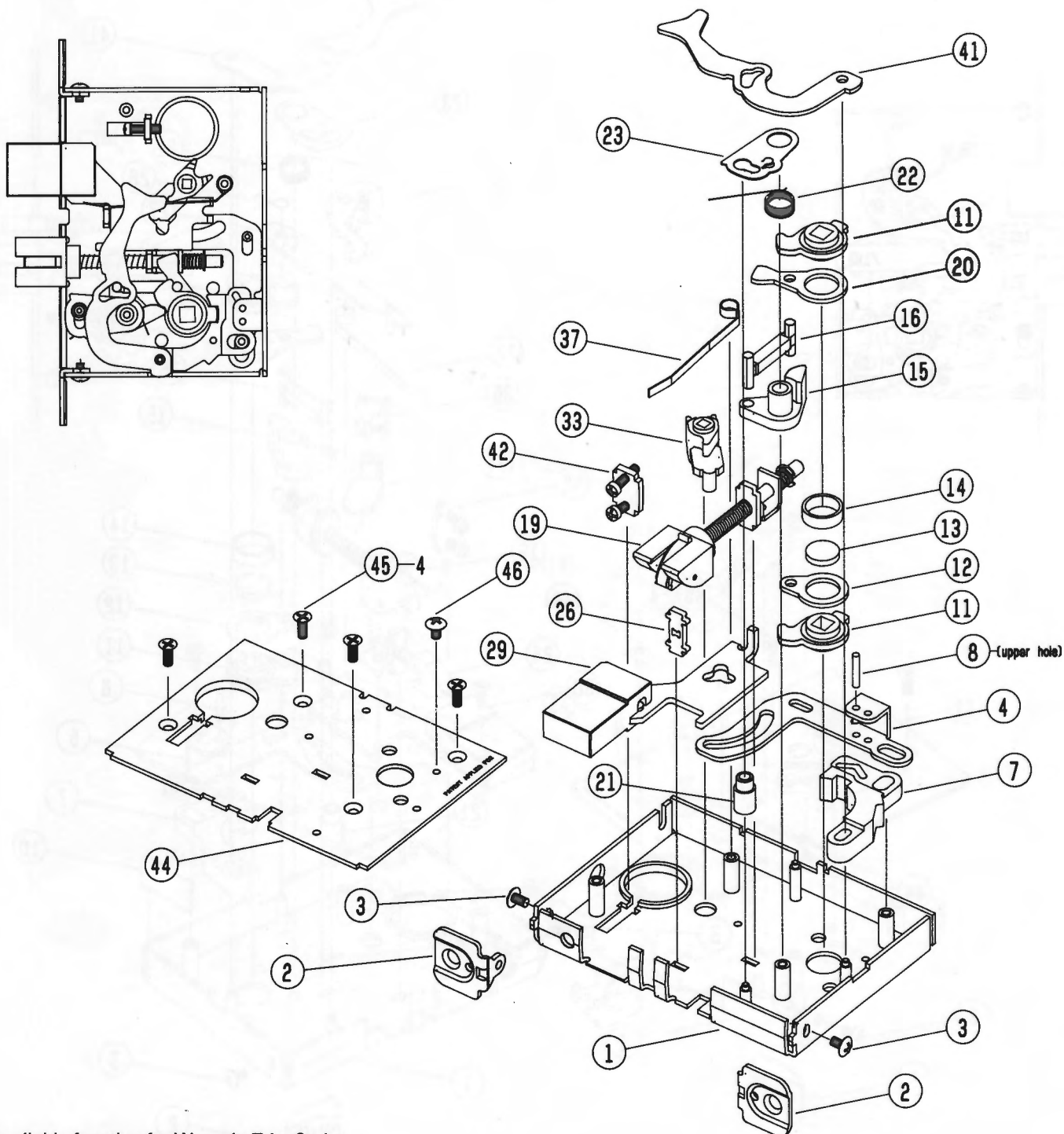


L9456

CORRIDOR/EXIT LOCK



Latchbolt retracted by lever or knob from either side. Deadbolt thrown or retracted by key outside or inside thumbturn. Throwing deadbolt locks outside lever or knob. Rotating inside lever or knob simultaneously retracts deadbolt and latchbolt and unlocks outside lever or knob.

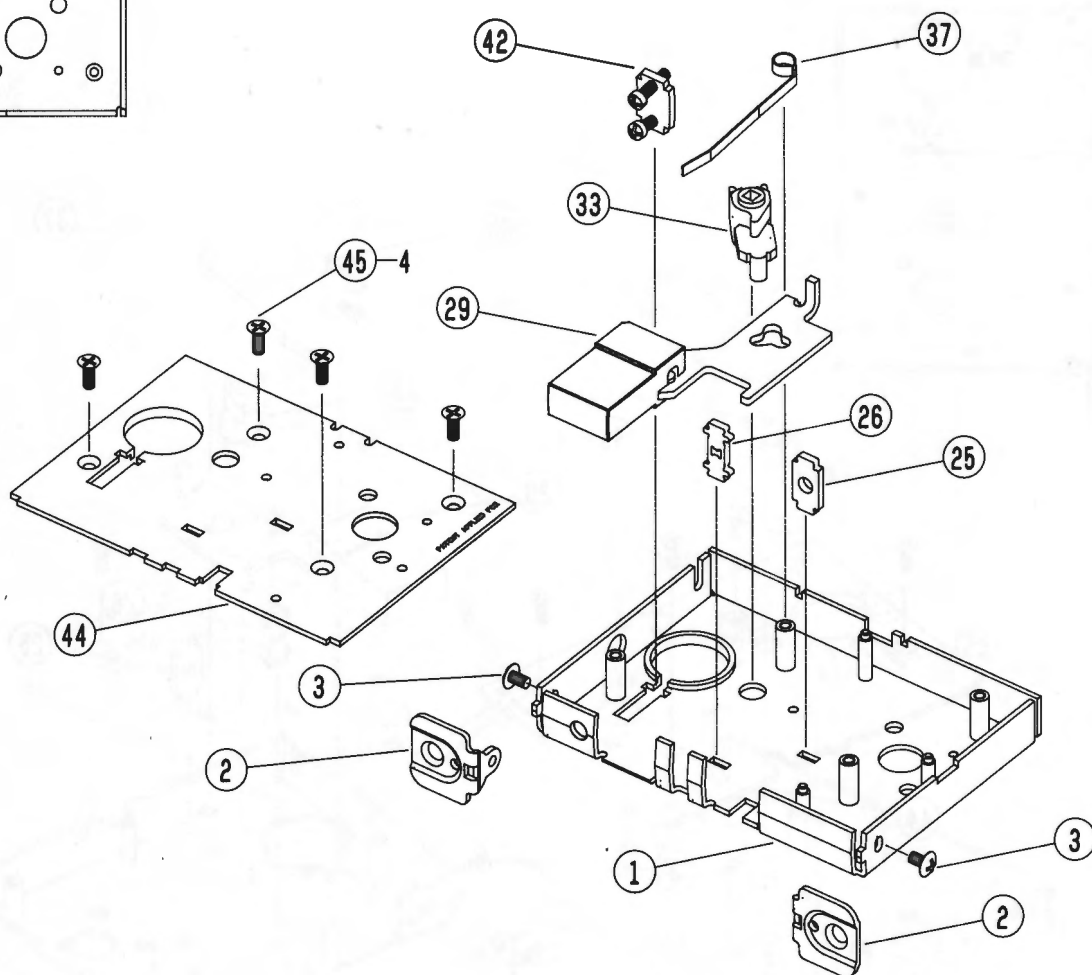
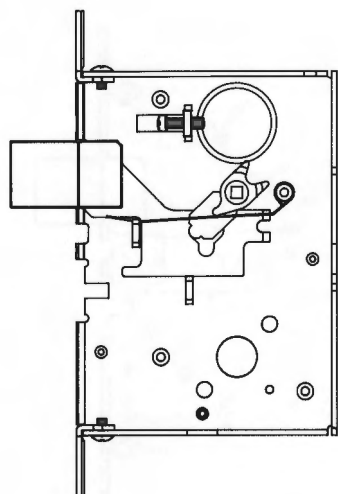


Available function for Wrought Trim Series.

L9460

CYLINDER X THUMBTURN

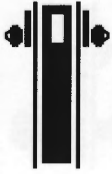
Deadbolt thrown or retracted by key outside or thumbturn inside.



L9462

DOUBLE CYLINDER

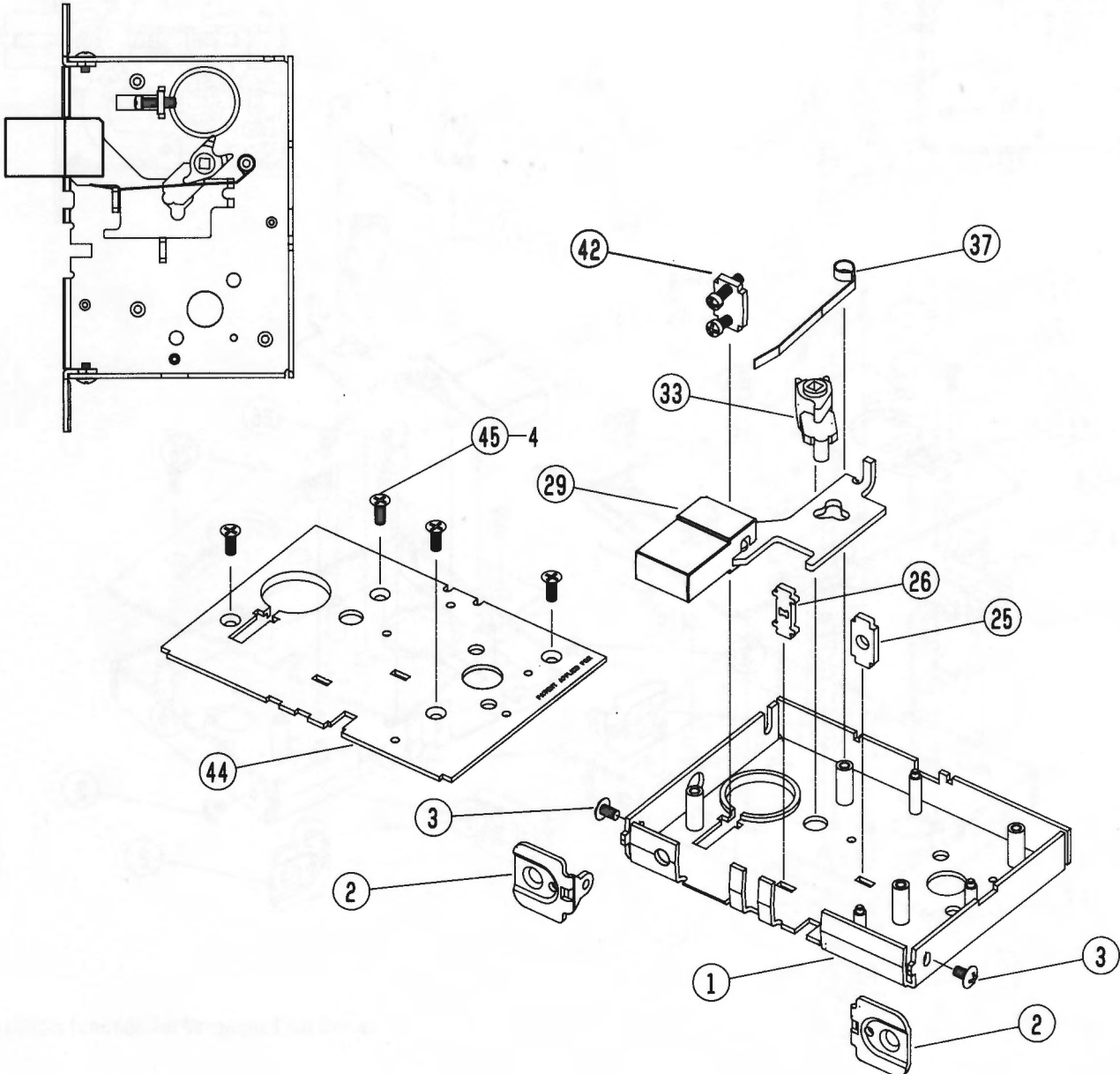
Deadbolt operated by key from either side.



L9464

CYLINDER LOCK

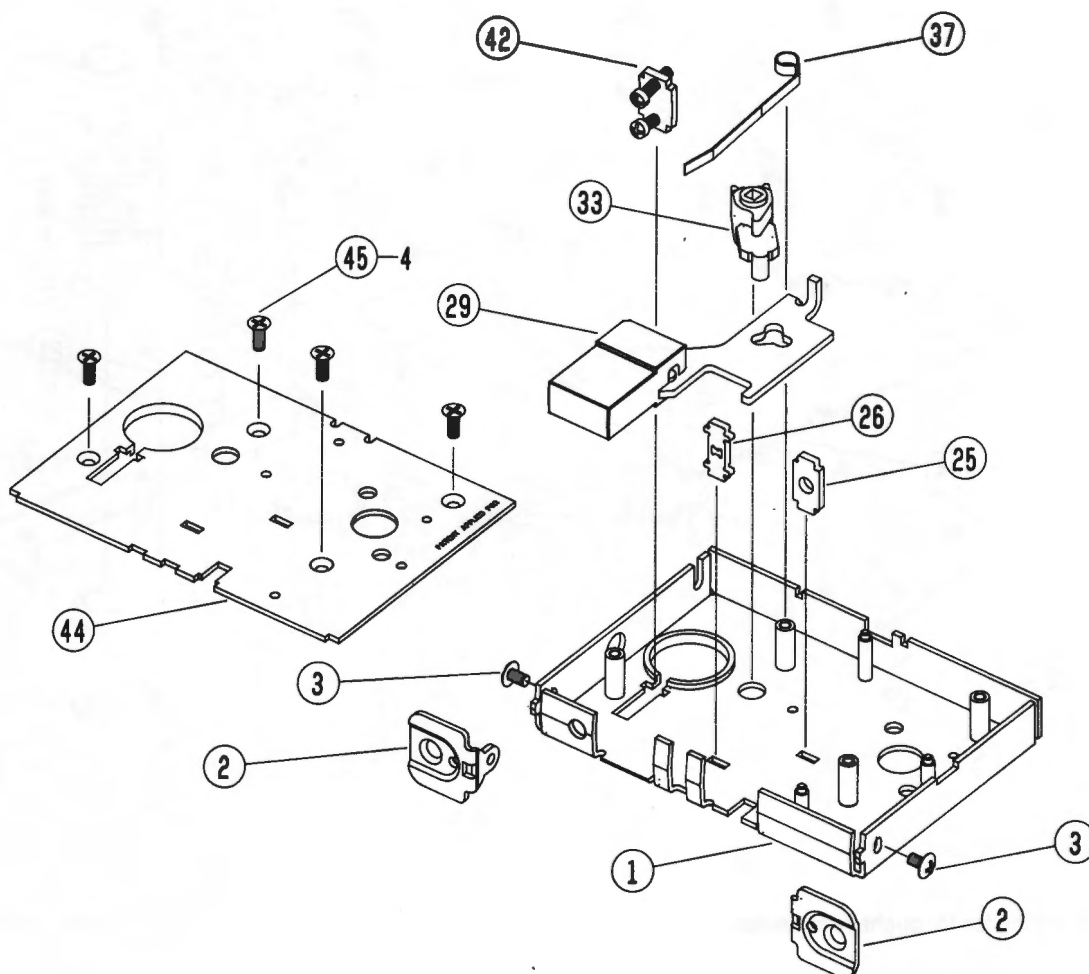
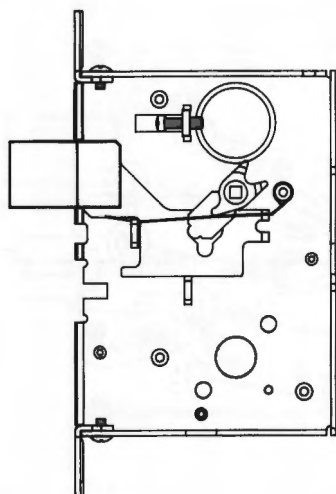
Deadbolt thrown or operated by key from one side. No trim on opposite side.



L9463

CLASSROOM LOCK

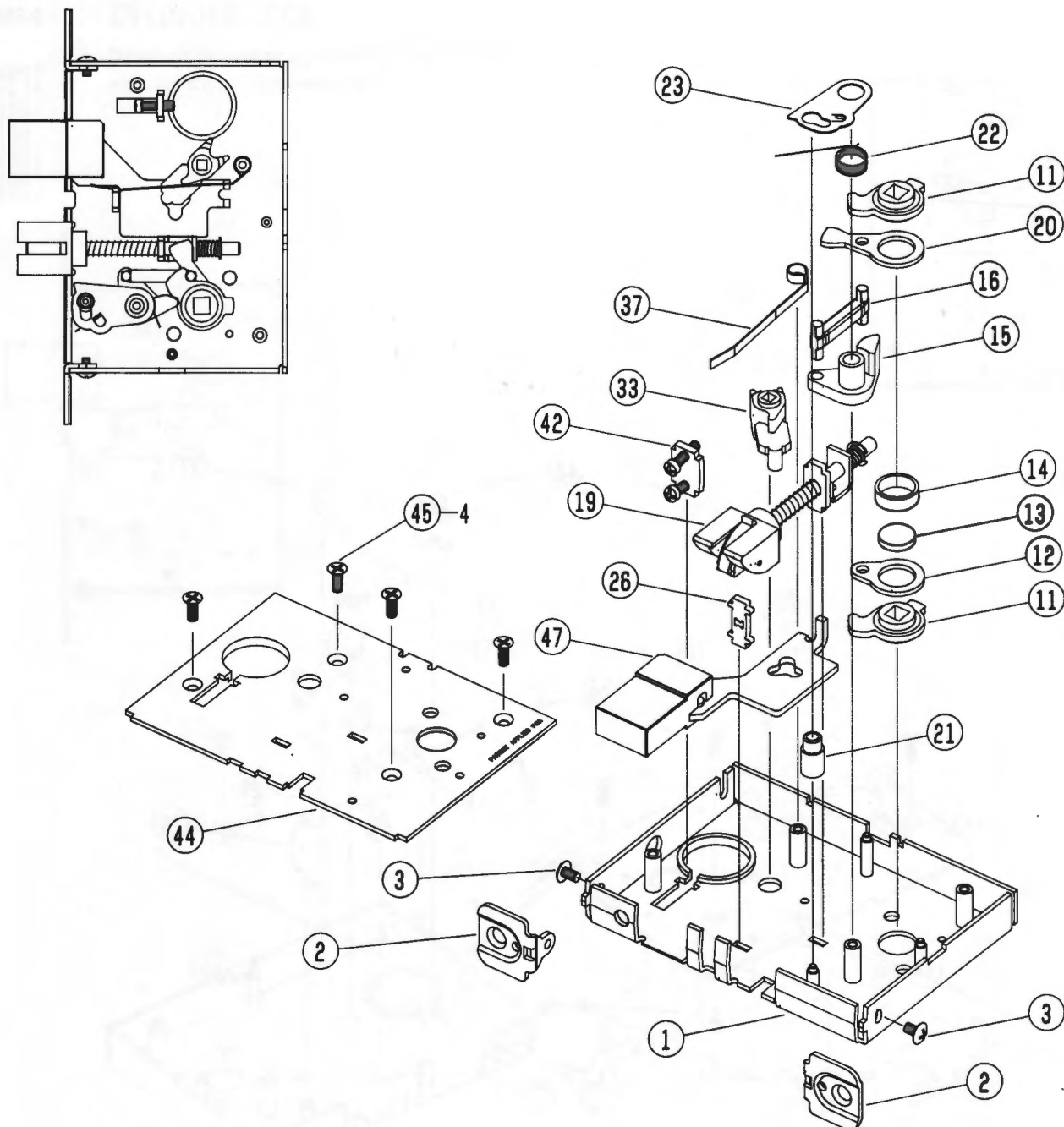
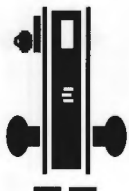
Deadbolt thrown or retracted by key from outside. Inside cylinder turn retracts deadbolt but cannot project it.



L9465

CLOSET/STOREROOM LOCK

Latchbolt retracted by knob or lever from either side.
Deadbolt extended or retracted by key outside.

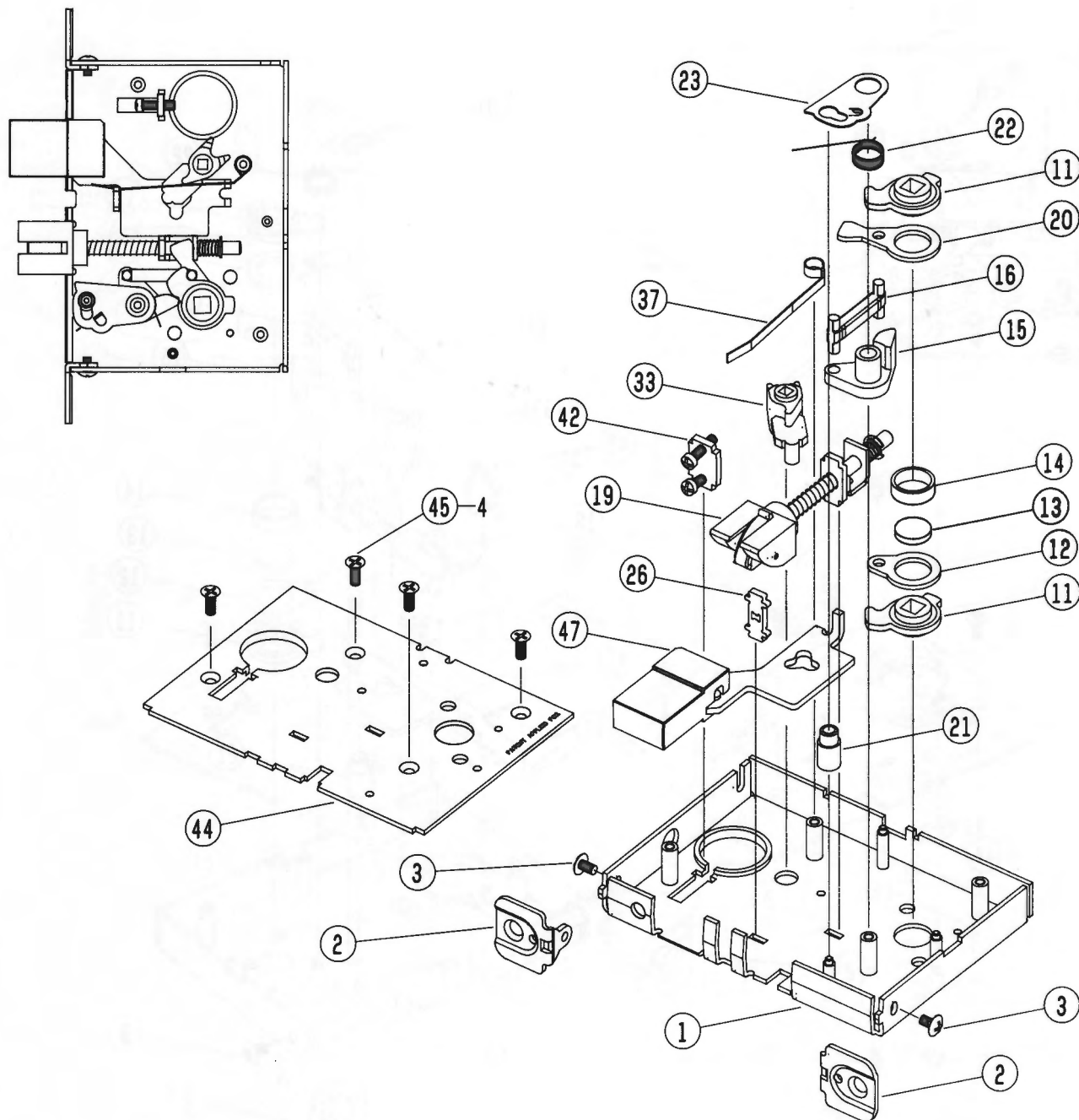
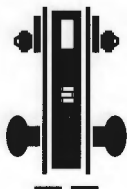


Available function for Wrought Trim Series.

L9466

STORE/UTILITY ROOM LOCK

Latchbolt retracted by knob or lever from either side.
Deadbolt extended or retracted by key from either side.



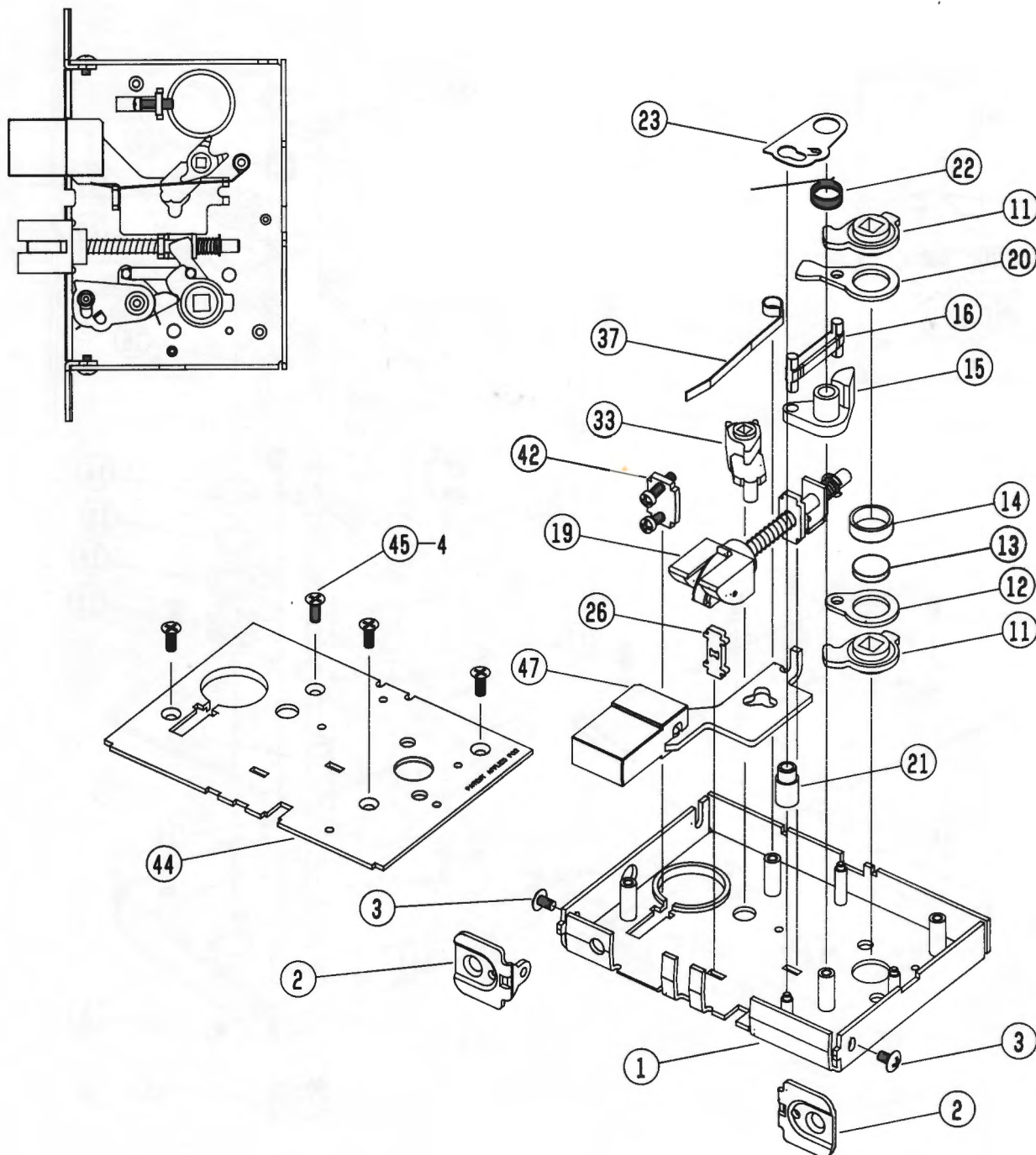
Available function for Wrought Trim Series.

L9473

CORRIDOR/BEDROOM LOCK



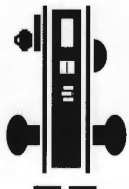
Latchbolt retracted by knob or lever from either side.
Deadbolt extended or retracted by key outside or thumbturn inside.



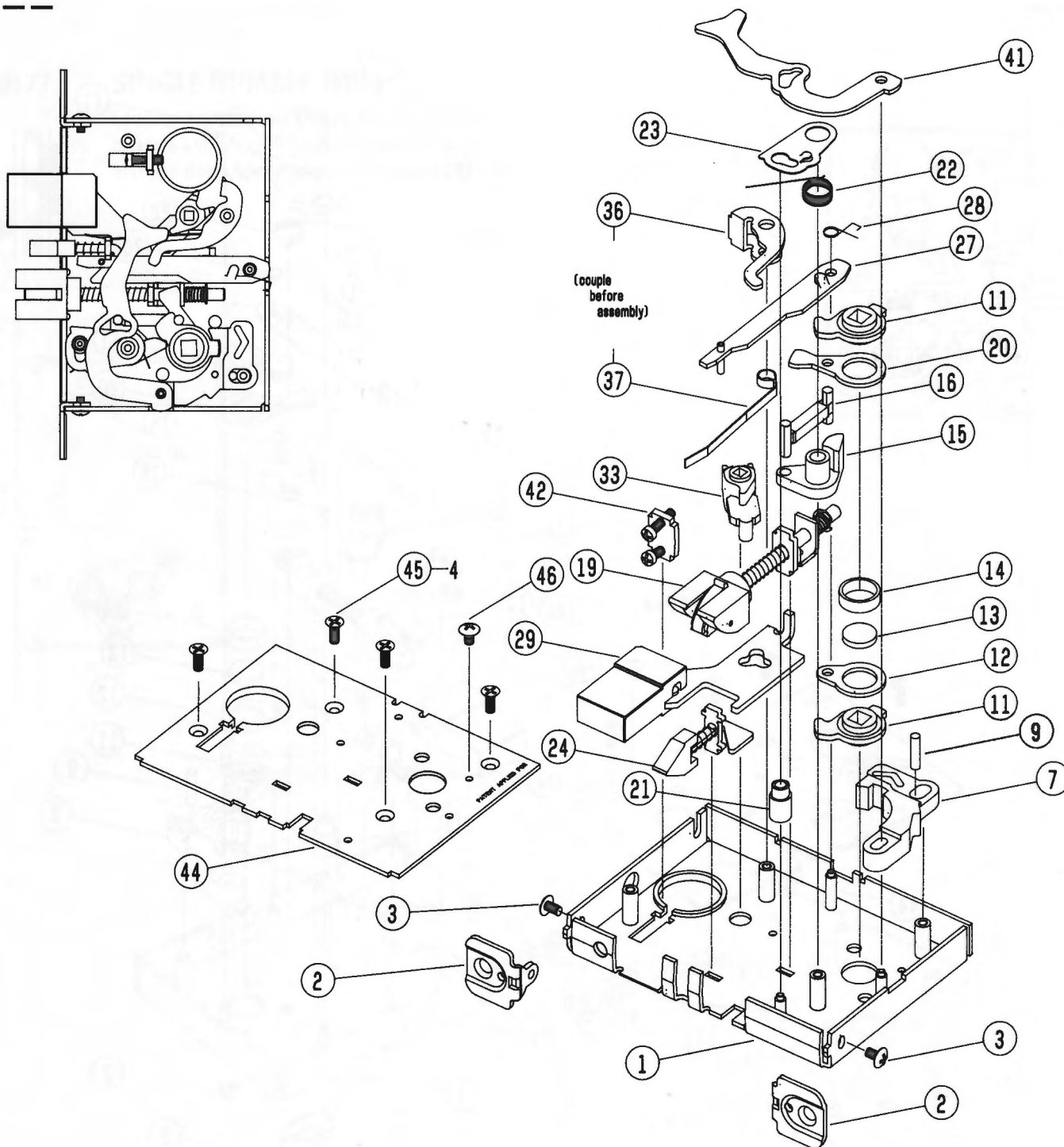
Available function for Wrought Trim Series.

L9485

HOTEL LOCK



Latchbolt retracted by key outside or by lever or knob inside. Outside lever or knob always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, all keys become inoperative except emergency or display keys. Turning inside lever or knob retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed.



Wrought Trim Series only.

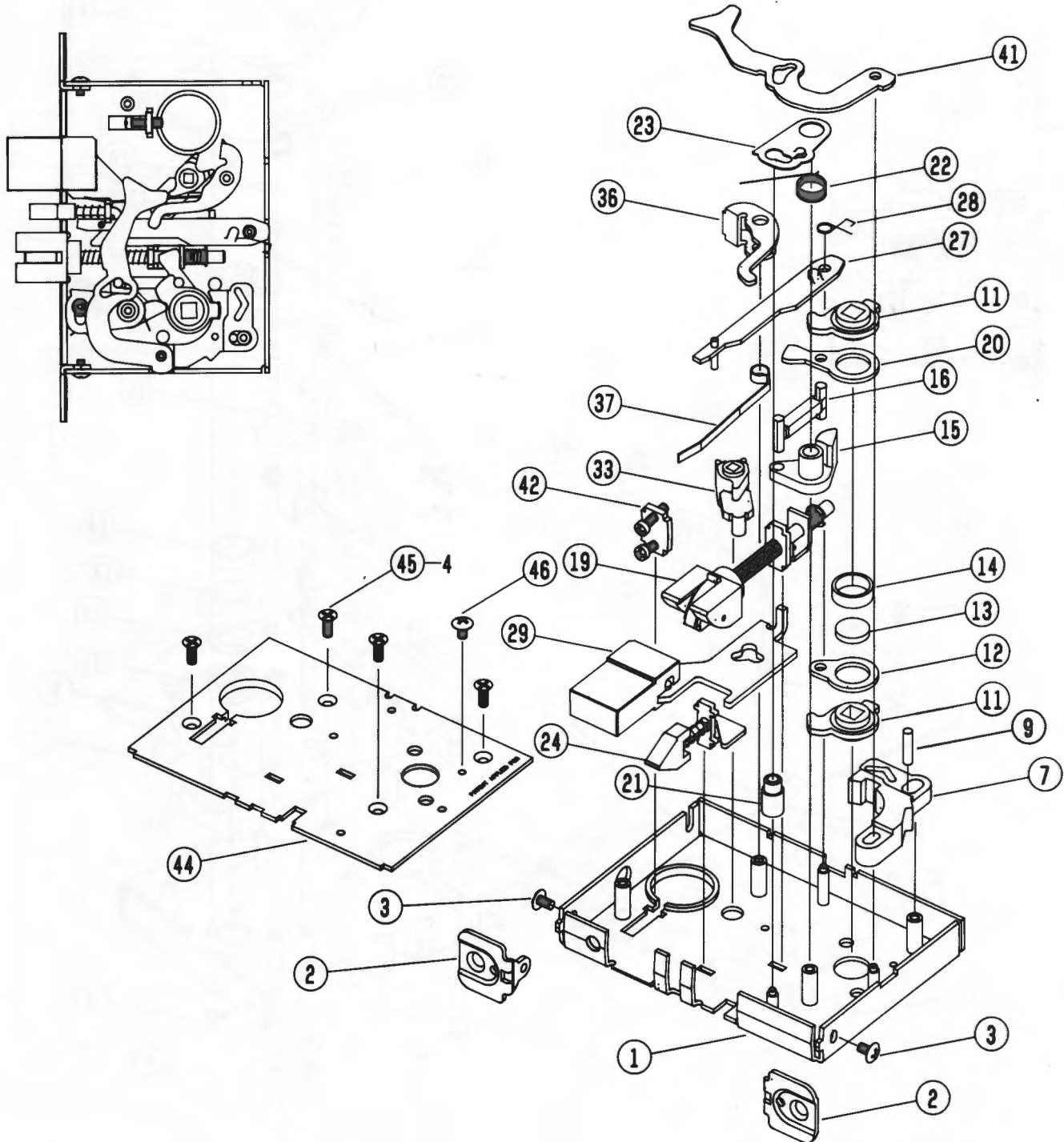
L9486

HOTEL LOCK



DO NOT DISTURB

Latchbolt retracted by key outside or by lever or knob inside. Outside lever or knob always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, "DO NOT DISTURB" plate is displayed – all keys become inoperative except emergency or display keys. Turning inside lever or knob retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed.



L9175

SINGLE DUMMY TRIM

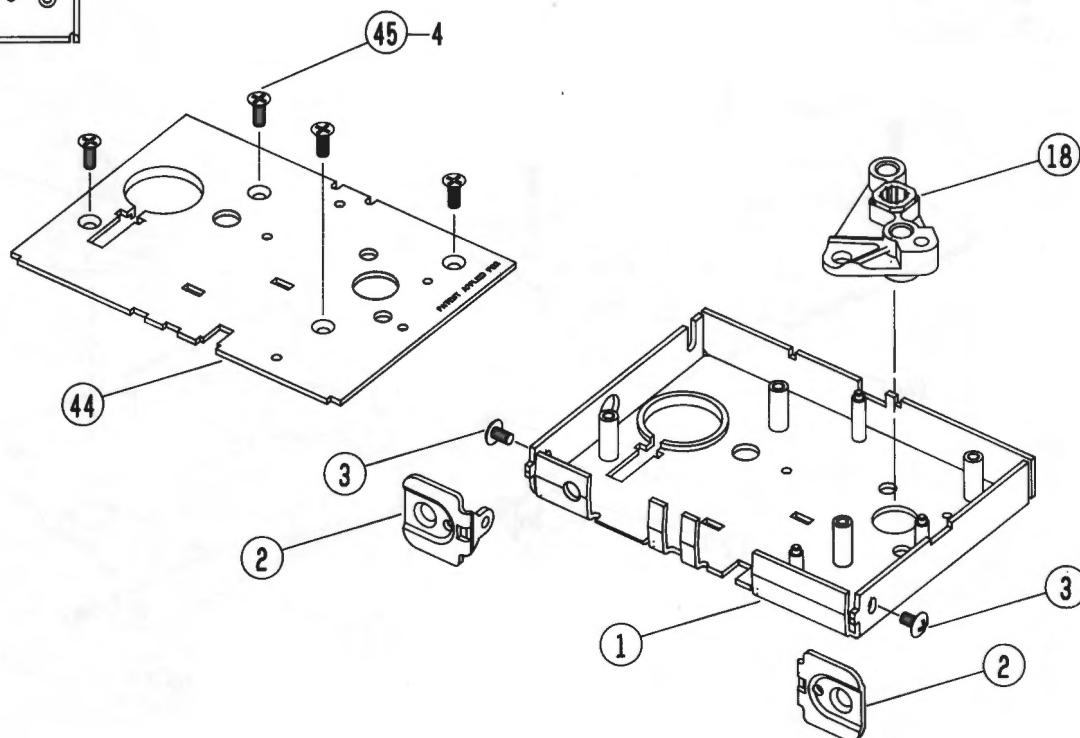
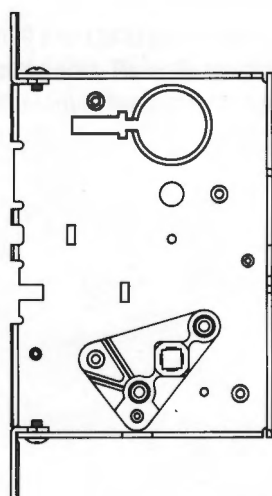
Lever or knob on one side fixed. Includes lock chassis and armor front.



L9177

SINGLE DUMMY TRIM

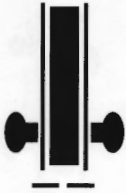
Lever or knob on one side fixed. Includes lock chassis and armor front for use as strike for inactive door. Specify door hand when ordering.



L9176

PAIR DUMMY TRIM

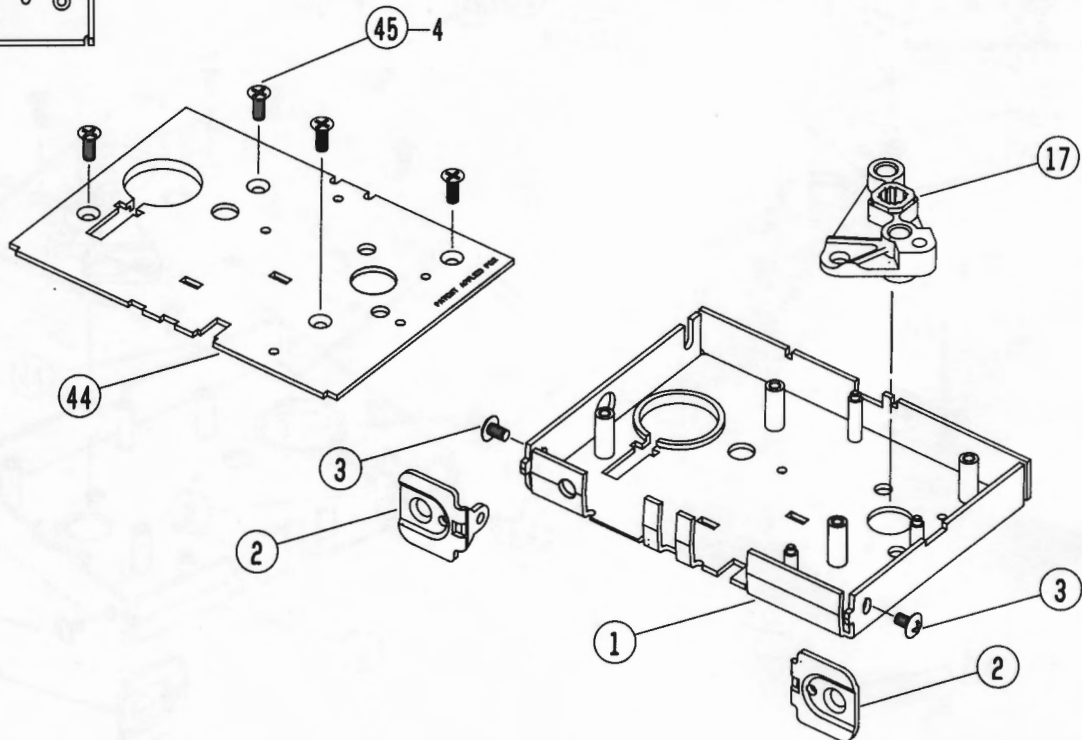
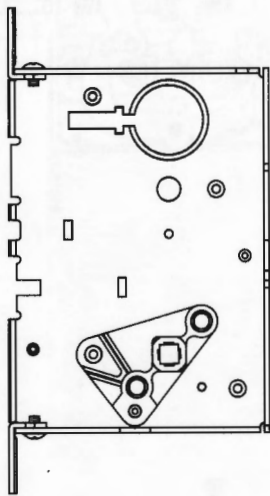
Lever or knob both sides fixed. Includes lock chassis and armor front.



L9178

PAIR DUMMY TRIM

Lever or knob both sides fixed. Includes lock chassis and armor front for use as strike for inactive door. Specify door hand when ordering.



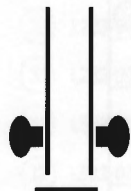
L0170 SINGLE DUMMY TRIM

Lever or knob one side fixed by mounting bar.



L0172 PAIR DUMMY TRIM

Lever or knob both sides fixed by mounting bar.



L0170 and L0172 dummy trim installations differ for wood or metal doors. Refer to templates and/or Schlage Door Preparation Manual for instructions.

PARTS INDEX

SYM. NUMBER DESCRIPTION

- ① L283-080 LOCK CASE
- ② L583-006 FACEPLATE TAB 1¼ (2)
- L583-007 FACEPLATE TAB 1⅛ (2)
- ③ L583-046 FACEPLATE TAB SCREWS (2)
- ④ L583-048 LOCKING LINK
- ⑤ L583-049 ENTRANCE LINK
- ⑥ L583-065 ELECTRIFIED LINK
- ⑦ L583-045 LOCKING CATCH
- ⑧ L583-050 LINK PIN
- ⑨ L583-056 CATCH PIN
- ⑩ L583-047 CATCH SPRING
- ⑪ L583-019 RETRACTOR HUB (2)
- ⑫ L583-022 RETRACTOR ROCKER
- ⑬ L583-023 BLOCKING PLATE
- ⑭ L583-020 RETRACTOR HUB SPACER
- ⑮ L583-025 RETRACTOR CRANK
- ⑯ L583-024 RETRACTOR LINK
- ⑰ L583-057 SPINDLE ANCHOR
- ⑱ L283-063 DUMMY SPINDLE ANCHOR
- ⑲ L283-002 LATCHBOLT ASSEMBLY
- ⑳ L583-021 RETRACTOR LEVER
- ㉑ L583-027 FIRE DOOR FUSE
- ㉒ L583-026 HUB SPRING
- ㉓ L583-028 FIRE DOOR CATCH
- ㉔ L283-006 AUXILIARY LATCHBOLT ASSEMBLY
- ㉕ L583-015 LATCHBOLT GUIDE

FUNCTION																			
L9010	L9040	L9050	L9060	L9070	L9080	L9080EL	L9080EU	L9082	L9453	L9456	L9460	L9462	L9463	L9464	L9465	L9466	L9473	L9485	L9486
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										●	●	●	●						

* OPTIONAL FOR ALL FUNCTIONS

26	L583-038	AUXILIARY BAR GUIDE
27	L283-007	AUXILIARY STOP
28	L283-044	STOP SPRING
29	L283-003	DEADBOLT
30	L283-004	ENTRANCE DEADBOLT
31	L583-052	TRANSFER LIFTER
32	L583-004	STANDOFF POST
33	L583-029	TURN HUB
34	L583-030	ENTRANCE HUB
35	L583-031	CAM FOLLOWER
36	L583-051	TRANSFER LEVER
37	L583-035	TURN HUB SPRING
38	L283-053	SOLENOID AND DRIVER ASSEMBLY
39	L583-064	SOLENOID SPRING
40	L583-063	SPRING RETAINER
41	L583-053	SIMULTANEOUS RETRACTOR
42	L283-079	CYLINDER ANCHOR ASSEMBLY
43	L510-842	ELECTRIFIED LOCK BUSHING
44	L583-452	LOCK CASE COVER
45	L583-454	CASE COVER SCREWS (4)
46	L583-046	LOCK HANDING SCREW
47	L283-075	DEADBOLT 65, 66, 73
48	L593-058	RESTORING/SIMULTANEOUS RETRACTOR

[illegible]

L-SERIES FUNCTION COMPATIBILITY

FUNCTION	CHASSIS									
	L283-011	L283-012	L283-013	L283-014	L283-017	L283-018	L283-019	L283-020	L283-021	L283-022
L9010	●									
L9040		●								
L9050			●							
L9060			●							
L9070			●							
L9080				●						
L9080EL								●		
L9080EU									●	
L9082										●
L9453				●						
L9456					●					
L9465						●				
L9466						●				
L9473						●				
L9485							●			
L9486							●			
L9460					●					
L9462					●					
L9463					●					
L9464					●					

INCH/MILLIMETER CONVERSION CHART

INCH	MM	INCH	MM
1/32	0.79	25/32	19.84
1/16	1.59	13/16	20.64
3/32	2.38	27/32	21.43
1/8	3.18	7/8	22.23
5/32	3.97	29/32	23.02
3/16	4.76	15/16	23.81
7/32	5.56	31/32	24.61
1/4	6.35	1	25.40
9/32	7.14	2	50.8
5/16	7.94	3	76.2
11/32	8.73	4	101.6
3/8	9.53	5	127.0
13/32	10.32	6	152.4
7/16	11.11	7	177.8
15/32	11.91	8	203.2
1/2	12.70	9	228.6
17/32	13.49	10	254.0
9/16	14.29	11	279.4
19/32	15.08	12	304.8
5/8	15.88	13	330.2
21/32	16.67	14	355.6
11/16	17.46	15	381.0
23/32	18.26	16	406.4
3/4	19.05	17	431.8

ELECTRIFIED LOCK SPECIFICATIONS

Electrified locks contain a transistorized circuit which requires 24 volts AC or DC. Each lock should preferably have its own 24V transformer. Two or more locks may be operated from a single transformer, provided it has the necessary current rating.

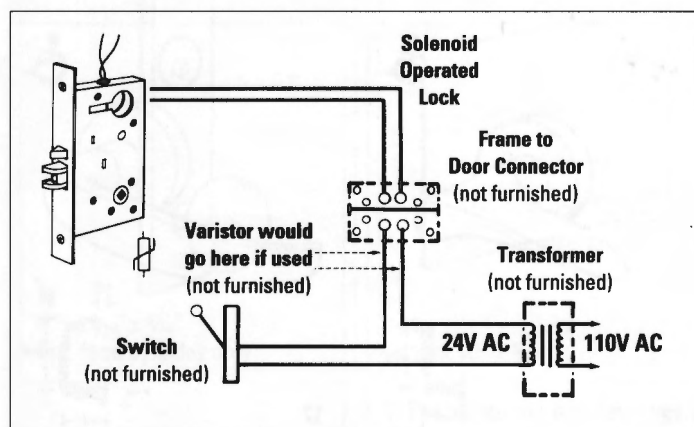
NOTE: DO NOT connect locks in a series from a higher voltage rated transformer.

We DO NOT recommend that these locks be connected to a supply circuit that also contains electromagnetic devices. If an electromagnetic device is connected to the supply circuit, the resulting transient voltages could damage the lock. The transient voltage must be carefully suppressed at the equipment producing them before connecting the lock to the same circuit.

A varistor rated at 35 volts (peak recurrent) may be used for transient voltage protection.

All installations should be in accordance with local electrical codes and National Electrical Code NFPA #70-1978.

Electrical Requirements: Amps 1.3; Volts 24 AC or DC.

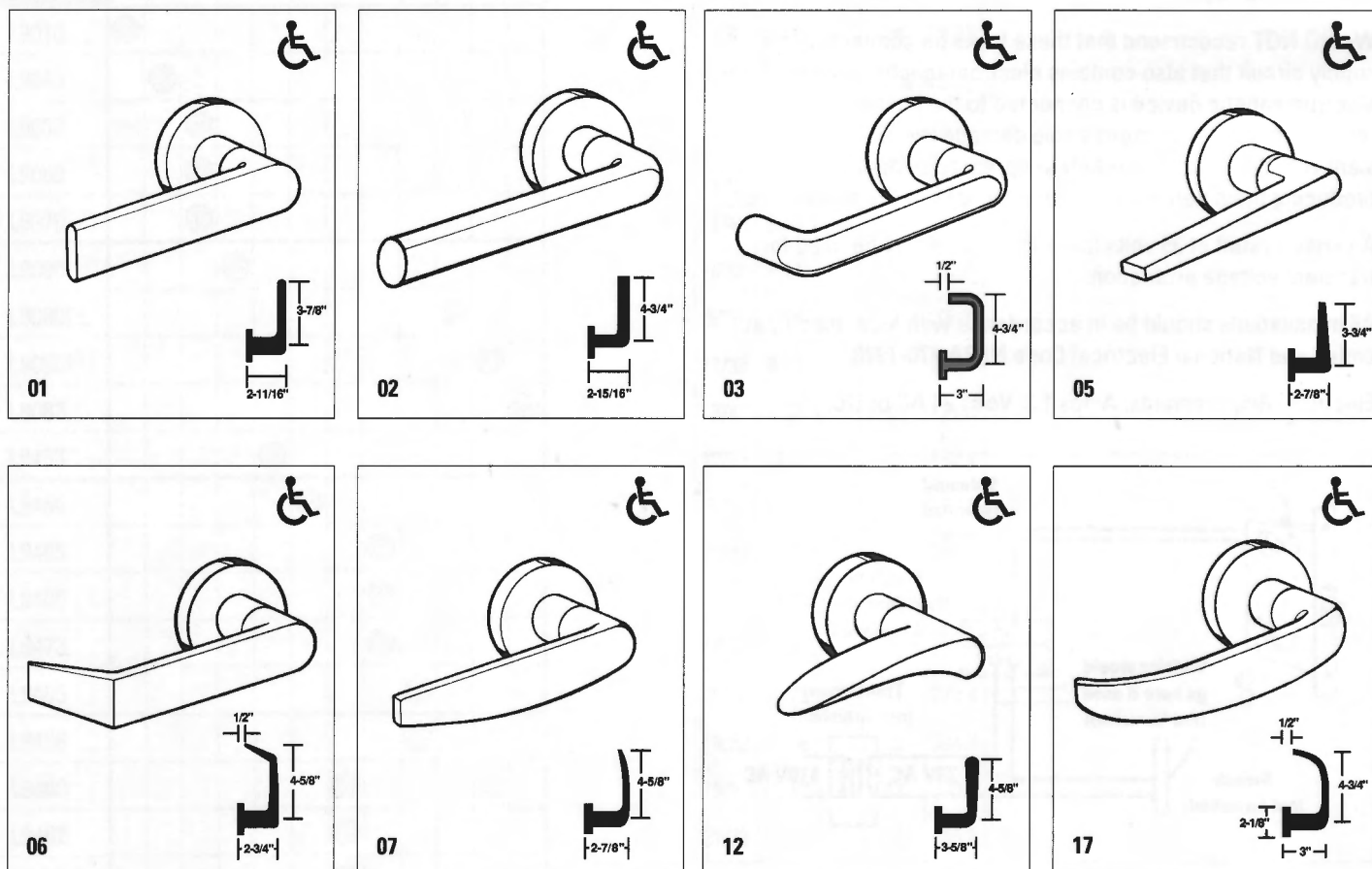


DESIGN IDENTIFICATION

L-9000 Series knobs and lever designs are identified with numeric symbols. Roses and escutcheons are identified by alpha characters. Knob designs can be combined with levers when using either roses or escutcheons. (Knob x lever with roses or escutcheons both sides.)

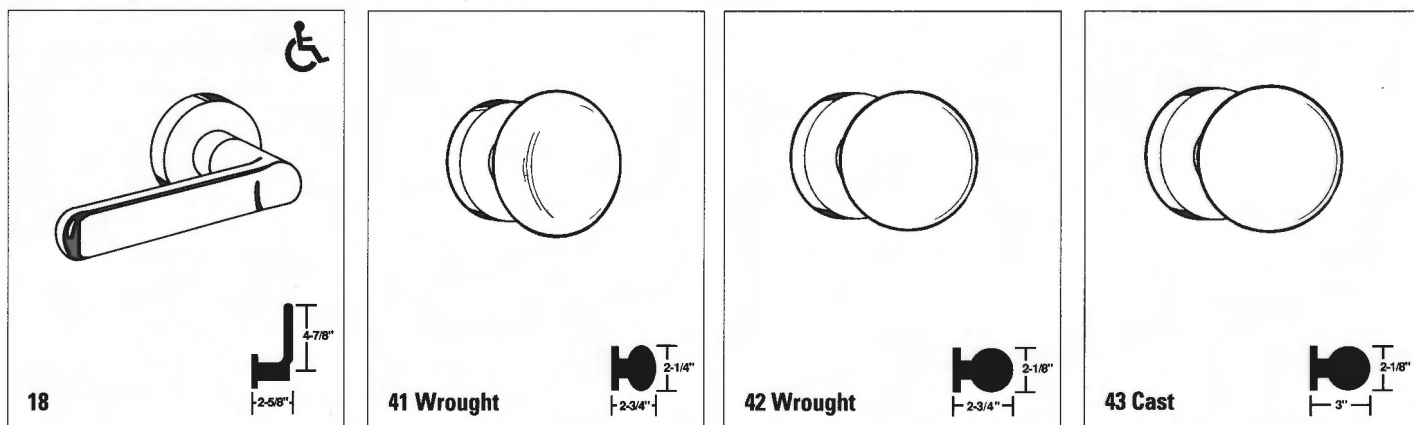
Levers

Heavy duty lever designs are cast bronze and stainless steel; forged or cast brass. All levers can be specified with either roses or escutcheons.



Knobs

#41 and #42 heavy duty wrought knobs match in appearance and are equal to Schlage D-Series. #43 knob is heavy duty cast #45 standard duty wrought knob matches in appearance and is equal to Schlage A-Series.



LOCK TRIM DESIGNATIONS – L-SERIES

Knobs and Levers

Number	Description	Designs
09-401	O/S Levers	01, 02, 03, 06, 07, 12*, 17, 18
	O/S Knobs	41, 42, 43
09-402	I/S Levers	01, 02, 03, 06, 07, 12*, 17, 18
	I/S Knobs	41, 42, 43

Roses

Number	Description	Designs
09-403	I/S Rose	A 2 1/8" diameter B 2 9/16" diameter C 3" diameter
09-404	O/S Rose	A 2 1/8" diameter B 2 9/16" diameter C 3" diameter
09-508	Blank Rose	A 2 1/8" diameter B 2 9/16" diameter C 3" diameter

Outside Escutcheons

Number	Trim Application
09-636	Knob or lever
09-637	Emergency Turn x knob or lever
09-638	Concealed cylinder x knob or lever
09-639	Mortise cylinder x knob or lever
09-640	Occupancy Indicator x concealed cyl. x knob or lever
09-641	Occupancy Indicator x mortise cyl. x knob or lever

Inside Escutcheons

Number	Trim Application
09-632	Knob or lever
09-633	Thumbturn x knob or lever
09-634	Blank x Thumbturn
09-635	Mortise cylinder x knob or lever

Outside M Escutcheons

Number	Trim Application
09-440	Knob or lever
09-442	Concealed cylinder x knob or lever
09-443	Mortise cylinder x knob or lever

Inside M Escutcheons

Number	Trim Application
09-460	Knob or lever
09-461	Thumbturn x knob or lever

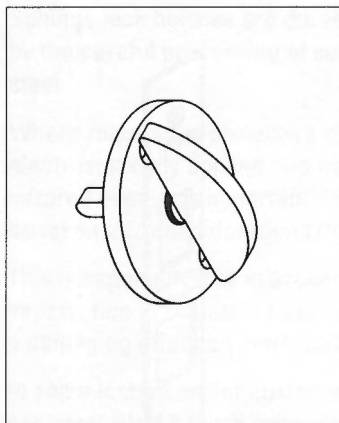
LOCK TRIM DESIGNATIONS – WROUGHT TRIM SERIES

NOTE: Orders for outside trim will be provided with retaining clips for knob or lever assembly to rose or escutcheon. Inside trim is provided with retaining clips, bushings, mounting plates, and screws for knob or lever assembly to rose or escutcheon.

Sectional Trim

Number	Description
09-402	Inside Trim #15, #16 lever and bushing #45, #46 knob and bushing
09-403	A or B inside rose

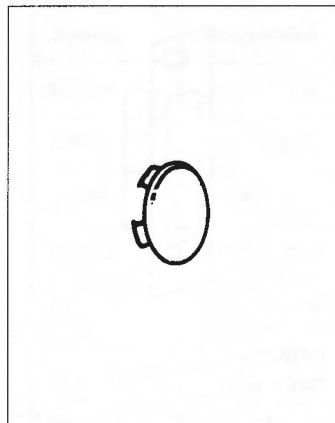
MISCELLANEOUS TRIM



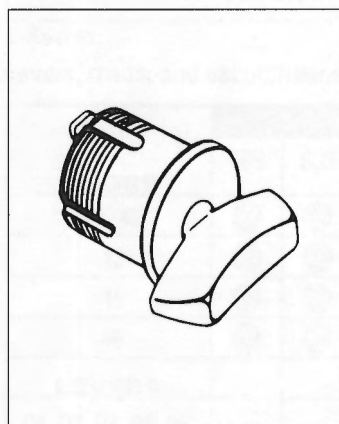
09-509 Thumbturn for deadbolt functions and privacy locks with rose trim. Specify finish and door thickness.



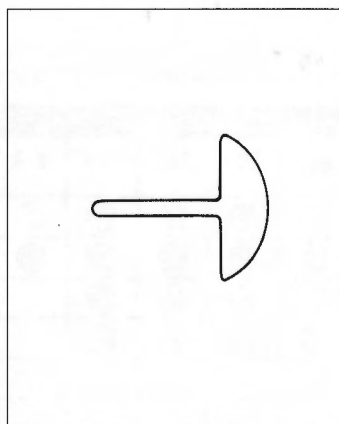
09-611 Hotel Occupancy Indicator for function L9486. Used with A and B size roses only. (Requires 1 $\frac{3}{8}$ " cylinder for 1 $\frac{3}{4}$ " doors.) Specify finish.



K510-330 Emergency Button for function L9040. Specify finish.



90-900 Classroom Turn (Specify door hand and cylinder length.)



L583-233 Emergency Turn (Furnished with privacy lock L9040.)

Cylinder Turns (Specify door hand.)

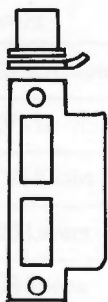
Number	Door Range
09-905	1 $\frac{3}{8}$ "
09-907	1 $\frac{3}{4}$ "
09-904-118	2" - 2 $\frac{1}{2}$ "
09-904	2 $\frac{1}{2}$ "

Ordering Format Example

QTY	PRODUCT	OUTSIDE		INSIDE		DR THK	DOOR HAND				LATCH	STRIKE	DIM
		DES	FIN	DES	FIN		R	L	RR	LR			
10	09-402	01A	626										

I/S lever 01 design
for A rose

MISCELLANEOUS TRIM



10-072 Standard
Square Corner
1 1/4" x 4 7/8" x 1 3/16" lip



K510-066
Strike Box



37-015
Door/Frame Reinforcer. For
reinforcing wood door jambs.
Includes two 3" long screws.



Square Corner

Strikes

L-Series strikes are produced from brass or stainless steel, finished to match lock trim and are furnished complete with screws. Specify finish and lip length.

Number	Lip Length	Description
10-072	1 3/16"	Standard
10-072	1", 1 1/2"	—
10-072	1 3/4", 2"	Special lip
10-073	No lip	For deadbolt lock
10-075	No lip	1 1/2" rabbeted (used with 1 1/16" armor)
10-091*	1 3/16"	Armored front

*Specify door hand.

Armor Fronts

Armor fronts are produced from brass, bronze, or stainless steel, finished to match lock trim and furnished complete with screws. Square cornered, 1 1/4" x 8" armors are standard for L-Series locks. Orders for 1 1/16" armors include (2) appropriate faceplate tabs. Specify finish.

Square Corner		Description/Function
1 1/4"	1 1/16"	
09-662	09-668	Latch/L9010, 9040
09-663	09-669	Latch x aux. latch/L9050, 9060, 9070, 9080, 9082
09-664	09-670	Latch x deadbolt/L9456, 9465, 9473
09-665	09-671	Deadbolt/L9460, 9462, 9463, 9464
09-666	09-672	Latch x aux. latch x deadbolt/L9453, 9485, 9486
09-661	09-667	Blank (no holes) L9175, 9176

FINISHES

Schlage lock finishes are durable, top-quality finishes obtained by the careful processing of solid brass, bronze, or stainless steel.

Where required, a protective clear epoxy lacquer coating is electrostatically applied and cured in a high temperature infrared oven. It is important that climatic conditions and usage be taken into consideration when selecting finishes.

This is especially true in areas subjected to strong corrosive vapors, humid climate, or sea air, which, in short time, may have a damaging effect on metal finishes.

In some instances, for customer convenience, the most representative BHMA finish symbols are used to indicate similarity of appearance, regardless of base metal or finishing process.

Finish designation numbers in the 600 Series are the BHMA (Builders Hardware Manufacturers Association) industry standard. The nearest old U.S. equivalent code designations are shown in parentheses.

Symbol	Description
605 (3)	Bright Brass, clear coated
606 (4)	Satin Brass, clear coated
611 (9)	Bright Bronze, clear coated
612 (10)	Satin Bronze, clear coated
613 (10B)	Oil Rubbed Bronze, oxidized satin bronze, oil rubbed, no coating
625 (26)	Bright Chromium Plated, no coating
626 (26D)	Satin Chromium Plated, no coating
629 (32)	Bright Stainless Steel, no coating
630 (32D)	Satin Stainless Steel, no coating

L-Series

Levers, roses, and escutcheons are available in all listed finishes.

KNOBS	FINISH								
	605	606	611	612	613	625	626	629	630
41, 42	●	●	●	●	●	●	●		●
43	●	●	●	●	●	●	●	●	●
45	●	●		●	●	●	●		
46	●	●		●	●	●	●	●	●
LEVERS									
01, 02, 03, 05, 06, 07, 12, 17, 18	●	●	●	●	●	●	●	●	●
15, 16	●	●	●	●	●	●	●	●	●
ROSES									
A, B, C	●	●	●	●	●	●	●	●	●
ESCUTCHEON									
L	●	●	●	●	●	●	●	●	●
M	●	●	●	●	●	●	●		
N	●	●	●	●	●	●	●	●	●

MORTISE CYLINDERS

Mortise cylinders for L-Series locks are threaded solid brass 6-pin tumbler units manufactured to precise specifications. The standard full-face cylinder (30-001) is provided with compression ring, spring, and spacer, with an adjustment range of $\frac{1}{16}$ " to $\frac{5}{32}$ ".

Cylinders are supplied in $\frac{1}{8}$ " increments. To order, specify cylinder number, finish, length, and keying requirements.

Cylinder	Length	Description
30-001	1 $\frac{1}{8}$ " - 1 $\frac{3}{4}$ "	Standard with compression ring
30-002*	1 $\frac{1}{8}$ " - 1 $\frac{3}{4}$ "	Hotel with compression ring
30-003*	1 $\frac{1}{4}$ " - 1 $\frac{3}{4}$ "	Holdback with compression ring
30-004	1 $\frac{1}{8}$ " - 1 $\frac{3}{4}$ "	Concealed cylinder
30-005*	1 $\frac{1}{8}$ " - 1 $\frac{3}{4}$ "	Hotel concealed cylinder
30-006*	1 $\frac{1}{4}$ " - 1 $\frac{3}{4}$ "	Holdback concealed cylinder
30-021	1 $\frac{1}{8}$ " - 1 $\frac{3}{4}$ "	Standard — no ring
30-022*	1 $\frac{1}{8}$ " - 1 $\frac{3}{4}$ "	Hotel — no ring
30-023*	1 $\frac{1}{4}$ " - 1 $\frac{3}{4}$ "	Holdback — no ring
20-001	1 $\frac{1}{8}$ " - 1 $\frac{3}{4}$ "	Outside cylinder L9060P with comp. ring
26-021	1 $\frac{1}{8}$ " - 1 $\frac{3}{8}$ "	Outside cylinder L9060P — no ring
26-023	1 $\frac{1}{8}$ " - 1 $\frac{3}{8}$ "	Outside concealed cylinder L9060C

BLOCKING RINGS

Schlage offers two variations of blocking rings. Blocking ring 36-079 is the same diameter as the cylinder face and is used when there is no need for a compression ring. The 36-082 blocking ring encircles the cylinder face and is used with 36-083 compression ring.

When ordering blocking rings, specify number, finish, and dimension.

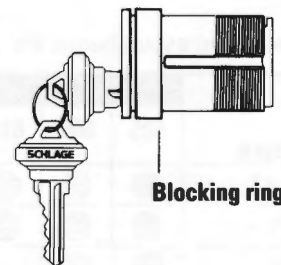
Blocking Ring	Dimension
36-079 For use less compression ring	012 = $\frac{1}{8}$ " 031 = $\frac{5}{16}$ " 018 = $\frac{3}{16}$ " 037 = $\frac{3}{8}$ "
36-082 For use with compression ring	025 = $\frac{1}{4}$ " 050 = $\frac{1}{2}$ "

Cylinder Length Chart

Function	Trim	Door Thickness			
		1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	2"	2 $\frac{1}{4}$ "
L9050, L9070, L9080, L9453, L9456, L9465, L9473	Rose	1 $\frac{1}{8}$ "			
	Escutcheon	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "
	Conc. Cyl. Esc.	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "
L9485	Rose	N/A	1 $\frac{1}{8}$ "		
	Escutcheon		1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "
L9486	Rose	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{5}{8}$ "
	Escutcheon	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "
	Conc. Cyl. Esc.	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "
L9060, L9082, L9466	Rose	1 $\frac{1}{8}$ "			
	Escutcheon	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "
	Conc. Cyl. Esc.	N/A	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "
L9460, L9462, L9463, L9464	N/A	1 $\frac{1}{8}$ "			

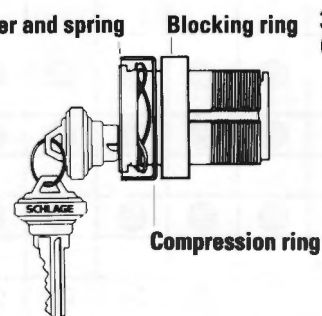
N/A = Not Available

36-079 Blocking Ring
1 $\frac{3}{8}$ " diameter



Blocking ring

36-082 Blocking ring
1 $\frac{1}{2}$ " diameter



Compression ring

36-083 Compression ring



L583-254
Cam
L Standard

Pin this side for RH cylinder.
Other side for LH cylinder.



K510-580
Holdback Cam
K510-417
Retainer
Specify door hand.



B502-191
Outside Cam
L9060 function

L9060
CAUTION: Select proper cylinder for outside and inside of lock. Incorrect installation will reverse lock operation.



BACK VIEW



USE THIS CYLINDER FOR OUTSIDE OF LOCK

USE THIS CYLINDER FOR INSIDE OF LOCK

INTERCHANGEABLE CORE CYLINDERS

Schlage's interchangeable core cylinder unit can be used with L-Series keyed functions, with no modification to the core unit. The cylinder core is removable with the use of a control key, which allows immediate rekeying of a lock without repinning the cylinder for replacement purposes.

Interchangeable core locks can be keyed to any Schlage contract masterkey system – whether existing or new. The keying level of the Control Key should always be specified when establishing a new system. When no level of keying is specified, Schlage will assume that the Control Key is to be assigned to the highest level within the keying system.

When converting an existing masterkey system to interchangeable core keying, the Control Key may be assigned to a specific masterkey under a higher level key or to any higher level key. In existing two level systems – changed keyed and masterkeyed only – the Control Key will always be assigned to the masterkey level.

Schlage's L-Series locks are available with interchangeable core features on all keyed functions. Compression rings and blocking rings are furnished with orders to fit 1 $\frac{3}{4}$ " door installations. Cams are permanently affixed to cylinder housings.

Existing installations of L-Series mortise locks can be easily converted to interchangeable core cylinder components. Merely replacing the old cylinders with interchangeable core cylinder units and proper blocking rings performs the task.

To order complete locks with interchangeable core cylinders, change product suffix letter to R. EXAMPLE: L9453R.

To order interchangeable core locks less the core unit, change product suffix letter to J. EXAMPLE: L9453J.

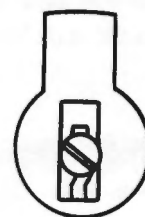
Number	Description
Standard Functions	
23-030	Core only
30-007	Housing with compression ring, less core
30-008	Interchangeable core cylinder with comp. ring
30-016	Housing only, less core
Hotel Functions	
30-010	Interchangeable core cylinder with comp. ring
30-016	Housing with compression ring, less core
30-100	Core only

Interchangeable Core Blocking Ring Chart

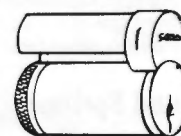
Function	Trim	Door Thickness			
		1 $\frac{3}{8}$ "	1 $\frac{3}{4}$ "	2"	2 $\frac{1}{4}$ "
L9050, L9070, L9080, L9453, L9456, L9465, L9473	Rose	050	037	025	025
	Escutcheon	025	012	N/R	N/R
L9485	Rose	N/R	037	025	025
	Escutcheon	N/A	N/R	N/R	N/R
L9486	Rose	012	N/R	N/R	N/R
	Escutcheon	025	012	N/R	N/R
L9060, L9082, L9466, L9460, L9462, L9463, L9464	Rose	N/A	050	037	025
	Escutcheon	025	012	N/R	N/R



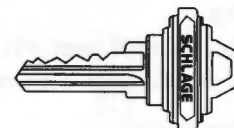
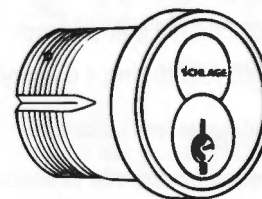
L583-255
Interchangeable Core Cam



K510-730
Interchangeable Core Cam
For outside cylinder of L9060



48-056 Cut Control Key



TRIM ASSEMBLY PARTS**Escutcheon Thru Bolts**

(2 Required Per Lock)

NUMBER DOOR RANGE

K510-389	1¾" - 2¼" (N escutcheon)
L583-119	1⅝" (L escutcheon)
L583-120	1¾" (L escutcheon)
L583-121	2" (L escutcheon)
L583-122	2¼" (L escutcheon)
L583-123	2½" (L escutcheon)
L583-133	(N escutcheon)

Mounting Posts

(2 Required Per Lock)

NUMBER DOOR RANGE

L583-211	1⅝"
L583-212	1¾"
L583-213	2"
L583-214	2¼"
L583-215	2½"

Spindle and Springs

(2 Required Per Lock)

NUMBER DOOR RANGE

L283-060	1⅝" - 2"
L283-061	2¼" - 3½"
L283-064	(L0172 pair dummy)
L283-065	(L0170 single dummy)

Lead Lining

Lock case covers are available with ⅛" thick lead plate. (Purchaser should verify that this preparation meets local installation requirements and regulations.)

Knurling

Available with #02 lever, #41, #42, and #43 knobs. When ordering, specify prefix design code with numeral 8: e.g.: 802.

Abrasive Coating

Available on all designs. Specify finish 412.

Miscellaneous Parts**NUMBER DESCRIPTION**

C203-736	(2) Lock case bracket screws
K110-020	(2) Armor mounting screw
K110-550	Truarc ring and spacers for knobs
K510-320	Wooden plug for dummy trim
L283-030	(20) Truarc ring for levers and #45 and #46 knobs
L283-031	Mounting plate for inside levers
L283-034	Mounting plate for outside #15 and #16 levers
L283-040	Spring cage (1) per lever
L583-066	(2) Mounting screws, lock trim
L583-286	Mounting bar, dummy trim
L583-290	Mounting screw, knob dummy
L583-291	Mounting screw, lever dummy
L583-321	Mounting plate for inside knobs
L583-322	Lever spacer for inactive levers

Spanner Head Screws

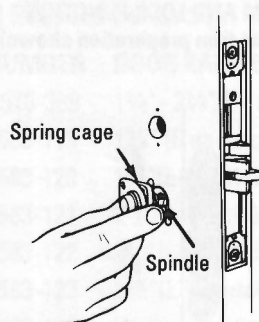
C603-522	Strike and mortise case mounting
K510-832	Armor mounting
K510-833	Thumbturn mounting

Installation Tools

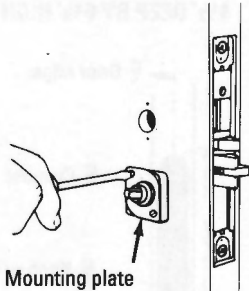
40-054	Service Kit
40-127	Truarc Pliers
M504-341	Spanner Wrench

INSTALLATION INSTRUCTIONS

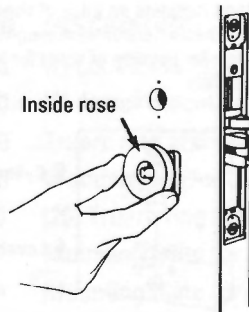
INSIDE LEVER TRIM



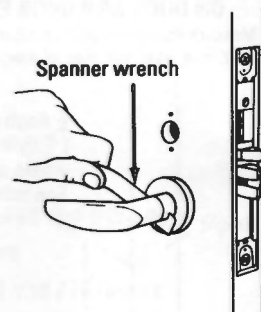
D. Join spring cage and mounting plate. (Arrows on cage in direction of lever rotation.)



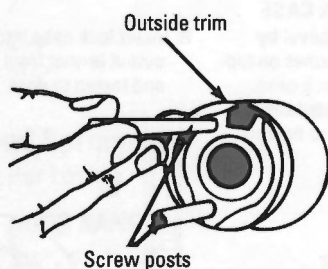
E. Slide mounting plate over screw posts. Insert and tighten mounting screws.



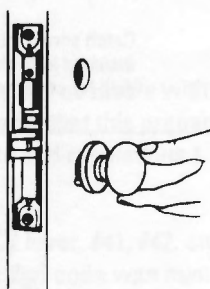
F. Place inside rose over mounting plate. Slide lever into position and tighten bushing with spanner wrench.



KNOBS

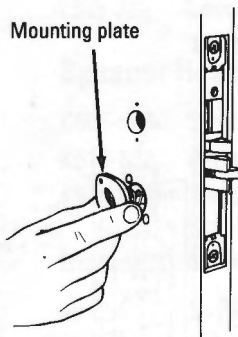


A. Thread screw posts onto outside rose mounting plate.

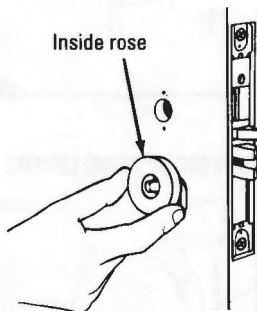


B. Install outside trim onto spindle with screw posts thru holes in lock case.

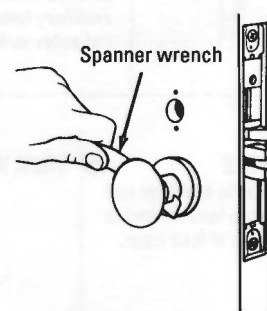
INSIDE KNOB TRIM



C. Slide mounting plate onto spindle. Insert and tighten mounting screws.



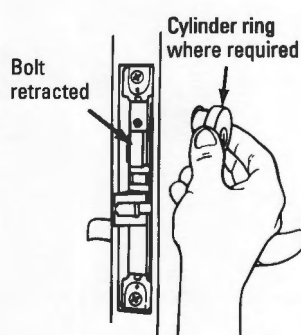
D. Place inside rose over mounting plate. Slide knob into position and tighten bushing with spanner wrench.



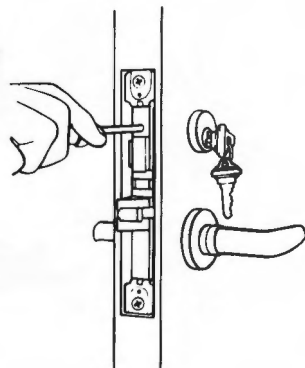
INSTALLATION INSTRUCTIONS

9. INSTALL CYLINDER(S) (EXPOSED TYPE)

Exposed cylinders are installed after escutcheon trim.

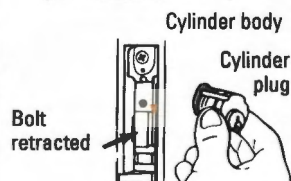


Tighten set screw(s) against cylinder(s).



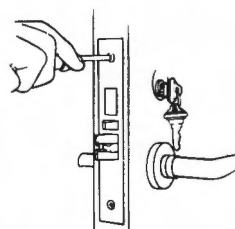
NOTE: Adjust cylinder(s) so that cylinder plug is positioned as shown. Install armored front.

9. INSTALL CYLINDER(S) (CONCEALED TYPE)



Cylinder plug must project approximately 7/16" from face of door. Tighten set screw(s) against cylinder(s).

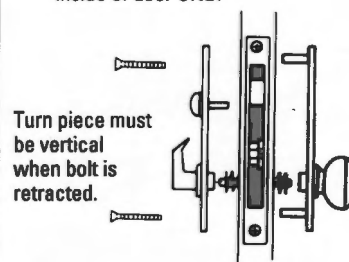
NOTE: Adjust cylinder(s) so that cylinder plug is positioned as shown. Install armored front.



ESCUTCHEON TRIM

1. (Lever trim only) Position spring cages on spindles with arrows pointing in direction of lever rotation.
2. Slide outside trim unit onto spindle and mounting posts thru door. Hold unit in place.
3. Place inside trim unit onto spindle. Insert and tighten mounting screws.

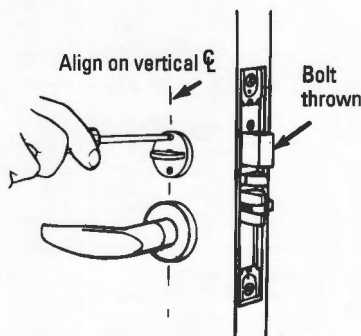
Mounting screws – inside of door ONLY



Slip trim onto spindles.

10. TURN PIECE

Install turn piece and project deadbolt. Align screw holes on vertical and fasten with screws.



NOTE: Turn piece must hide screws when bolt is retracted.

11. EMERGENCY BUTTON

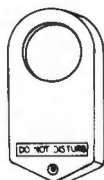
Install emergency button by snapping into place. (Refer to template.)



12. INSTALL INDICATOR PLATE (HOTEL FUNCTION)

Install "DO NOT DISTURB" indicator plate and cylinder collar.

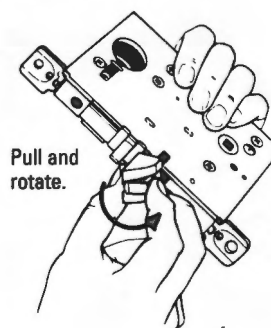
Fasten with provided screw. Refer to template (9/16" diameter hole).



INSTRUCTIONS FOR CHANGING LOCK HAND

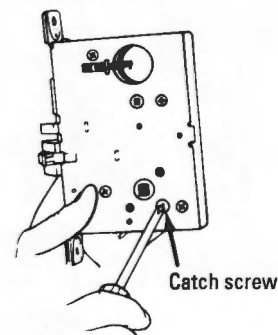
A. CHANGE LATCH HANDING

Remove armor front. Pull anti-friction tongue and latchbolt away from chassis and rotate complete unit to adjust for door handing. Reinstall armor front.

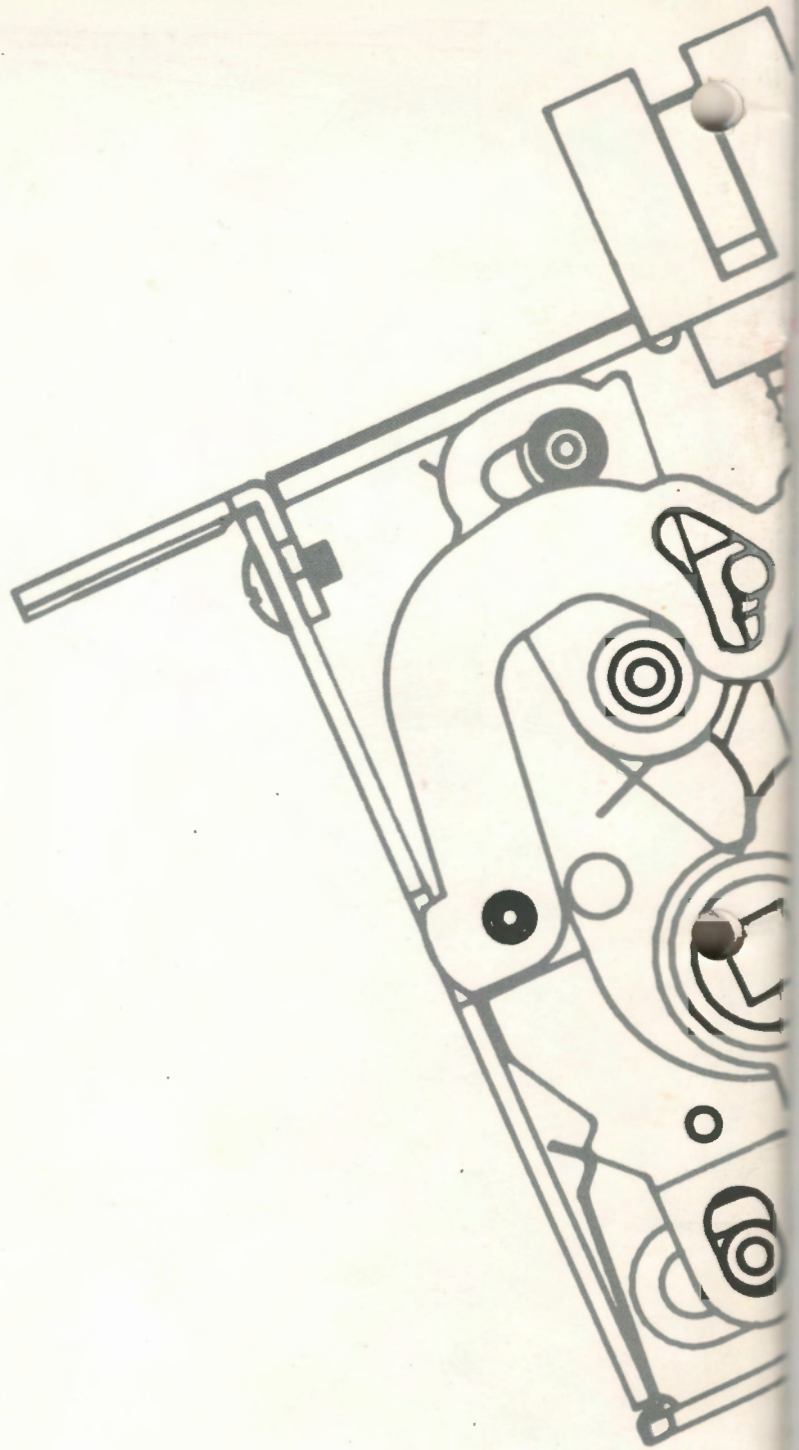


B. CHANGE CHASSIS HANDING

Remove catch screw from one side of chassis and install on opposite side. (Catch screw must always be on *inside* of latch chassis for proper functioning of lock.)



NOTES



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